



Panasonic

2.4GHz Expandable Cordless Handset Operating Instructions

Model No. **KX-TGA272S**

Pulse-or-tone dialing capability

Preparation

Basic Operation

Advanced Operation

Useful Information



The KX-TGA272S will only work
with the Panasonic KX-TG2700/
KX-TG2720/KX-TG2730/KX-TG2740
Cordless Phone System.

Caller ID Compatible

PLEASE READ BEFORE USE AND SAVE.

Charge the battery for about 15 hours before initial use.

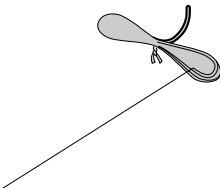
Panasonic World Wide Web address: <http://www.panasonic.com>
for customers in the USA or Puerto Rico

Thank you for purchasing your new Panasonic cordless telephone.

Attach your purchase receipt here.

Accessories (included) For extra orders, call 1-800-332-5368.

- ☐ **Charger Unit (p. 8)**
Charger Order No. PQLV30015ZB
AC Adaptor Order No. KX-TCA1-G
 (KX-TCA1)



one

- ☐ **Battery (p. 7, 60)**
Order No. N4HHGMB00001
 (HHR-P103)

one

- ☐ **Handset Cover (p. 7, 60)**
Order No. PQKK10129Z1

one

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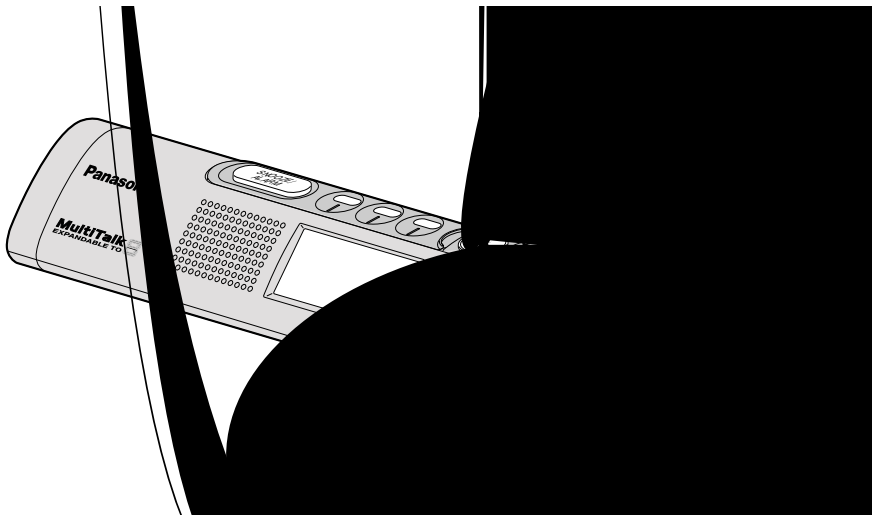
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Useful Information

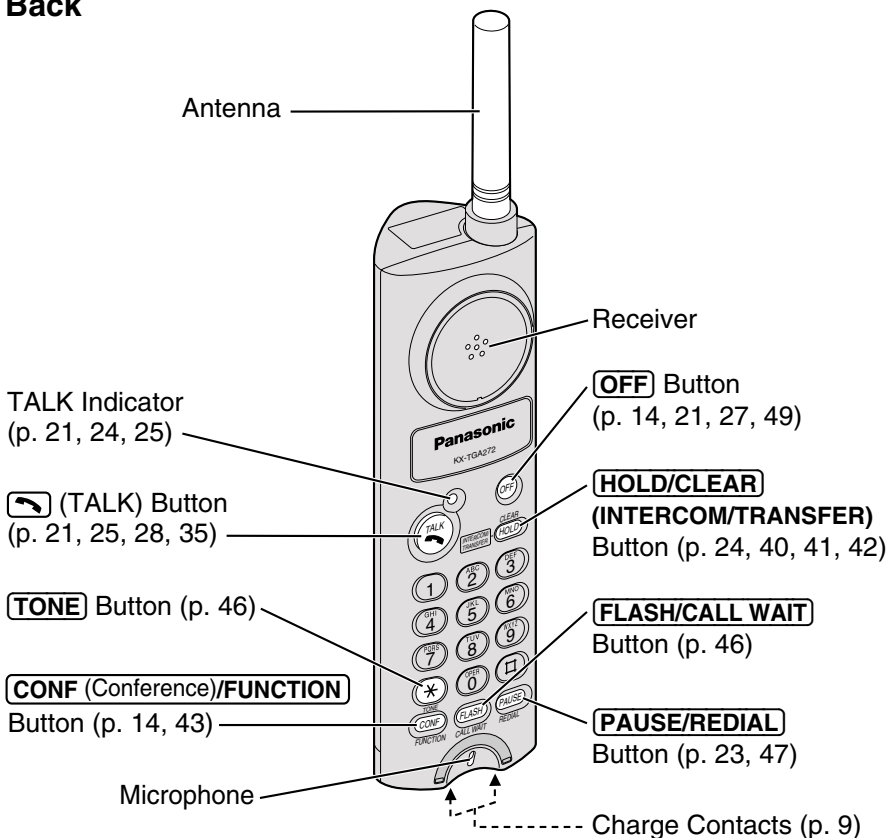
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Location of Controls

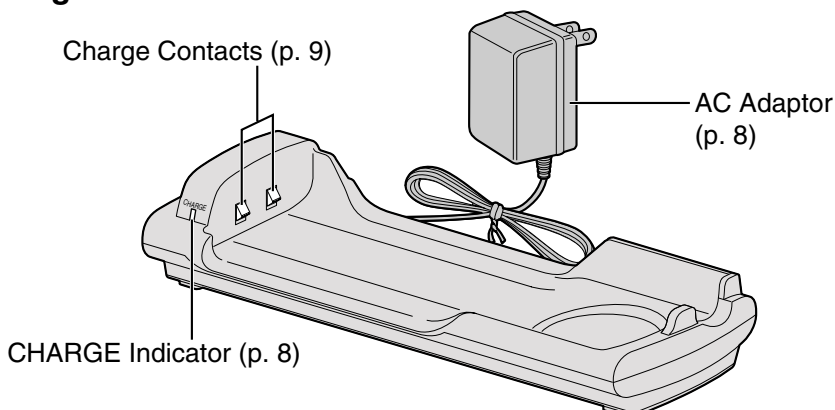
Front



Back



Charger unit



How to use the Navigator key

This key has four active areas that are indicated by arrows.

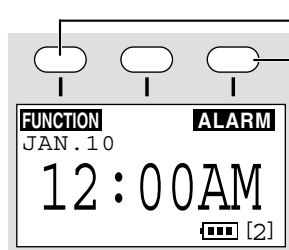


- Pressing the up and down arrows allows you
 - to scroll through a list of settings, the Caller List and your personal directory,
 - to adjust the ringer and the speaker/receiver volumes, or
 - to select characters or numbers when entering directory items or setting the clock.
- Pressing the right arrow allows you to enter the directory list or to select your menu choices.

Throughout these Operating Instructions, the Navigator key is indicated by the arrows ▼, ▲, ◀ or ▶.

How to use the soft keys:

Three soft keys are used to select functions displayed directly below the keys. Functions displayed below the keys will change depending on the state of usage and which base unit model (KX-TG2700/KX-TG2720/KX-TG2730/KX-TG2740) this handset is registered to.



(Example)

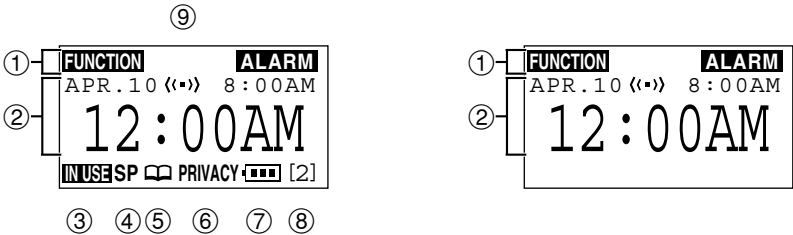
To operate “**FUNCTION**”, press the left soft key.

To operate “**ALARM**”, press the right soft key.

- When a function does not appear below a soft key, the soft key will not work.

Display

For KX-TG2700/KX-TG2730 users



- ① The prompts on the top line will show corresponding functions of the three soft keys which are located directly above the display (p. 5).
Ex. The soft key above “**FUNCTION**” will work as **FUNCTION** key.
- ② The time is displayed while the handset is not in use. The display shows the dialed number, call status, programming options and directory items etc. “**■**” with the extension numbers will be displayed during an intercom (p. 40) or a conference call (p. 43), or while using the Room Monitor feature (p. 45). If you subscribe to a Caller ID service, caller information will be displayed. “Received calls” will be displayed when new calls have been received.
- ③ “**IN USE**” (IN USE icon), or “**L1**” and “**L2**” (Line stations icons) function as follows.

Off (invisible)	The line is free.
On	The line is being used.
Flashing	A call is on hold within this system (handset or base unit). The Answering System is responding to a call (for KX-TG2730/KX-TG2740 users).
Flashing quickly	A call is being received.

- ④ “**SP**” appears when using the speakerphone during an intercom call or a conference call, while listening to messages (for KX-TG2730/KX-TG2740 users) or when monitoring a room from the speaker.
- ⑤ “**■**” (directory icon) appears when storing, viewing, sending or receiving the directory items (p. 32).
- ⑥ “**PRIVACY**” indicates the Call Privacy mode is on (p. 44). The base unit and other handsets cannot join your conversation.
- ⑦ The battery icon indicates the battery strength (p. 8).
- ⑧ The extension number of the handset is displayed after the handset has been registered to the base unit (p. 10, 63).
- ⑨ “<⋯>” is displayed with the set time when you set the alarm (p. 13).

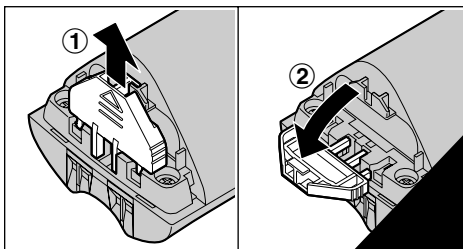
Installation



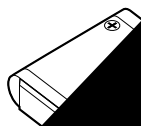
Installing the Battery

A rechargeable Nickel-Metal Hydride (Ni-MH) battery powers the handset. Install the battery and charge it for about 15 hours before initial use (p. 8).

- 1 Push up on the triangle of the battery holder to release (①), and bring down the holder (②).



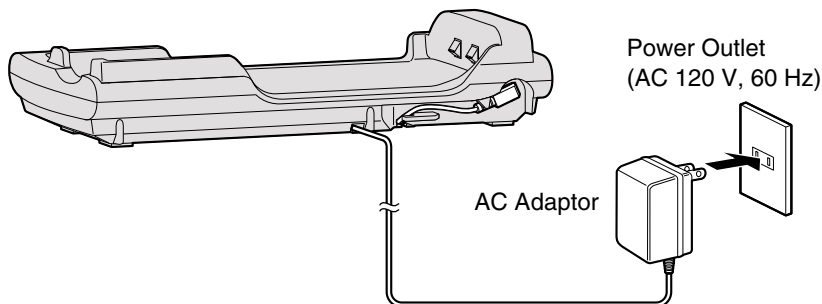
- 2 Insert the battery into the handset as shown, matching the correct polarity.



- 3 Bring up the holder and insert the battery. Press down the top of the holder.

➡ Installation

Connection

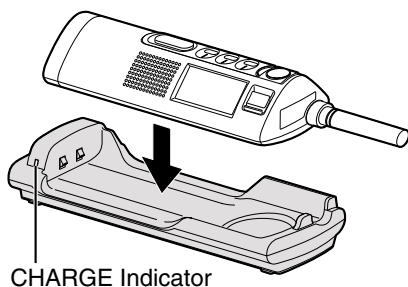


- USE ONLY WITH Panasonic AC ADAPTOR KX-TCA1 (Order No. KX-TCA1-G).
- The AC adaptor must remain connected at all times. (It is normal for the adaptor to feel warm during use.)

Battery Charge

Place the handset on the charger and charge for about **15 hours** before initial use.

- The CHARGE indicator lights, a beep sounds and “Charging” will be displayed.



Battery strength


You can check the battery strength on the handset display. The battery strength is as shown in the chart below.


Display prompt	Battery strength
	Fully charged
	Medium
	Low
(flashing)	Needs to be recharged.
	Discharged



Note: If a fully charged battery is disconnected from the unit and plugged in again, the LCD display will show “”. Charge the battery for about 15 hours to obtain full strength.

Recharge

Recharge the battery when:

- “Recharge battery” is displayed,
- “” flashes on the display, or
- the handset beeps intermittently while it is in use.


Recharge battery
 11 : 30 AM
 [2]

- If you DO NOT recharge the handset battery for more than 15 minutes, the display will continually indicate “Recharge battery” and/or “” will flash when the handset is lifted off the charger.
- If the battery has been discharged, the handset will display “Charge for 15HRS” and “” when you place the handset on the charger. The handset will not work. Keep charging.

Battery information

After your Panasonic battery is fully charged (p. 8):

Operation	Operating time
While in use (TALK)	Up to 3.5 hours
While not in use (Standby)	Up to 7 days
While using the Reception Booster feature (p. 23)	Up to 2.7 hours

- The battery operating time may be shortened depending on usage conditions and ambient temperature.
- Clean the charge contacts of the handset and the charger with a soft, dry cloth once a month. Clean more often if the unit is subject to grease, dust or high humidity.** Otherwise the battery may not charge properly.
- If the battery is fully charged, you do not have to place the handset on the charger until “Recharge battery” is displayed and/or “” flashes. This will maximize the battery life.
- The battery cannot be overcharged.

Registration

This cordless handset must be registered at the KX-TG2700/KX-TG2720/KX-TG2730/KX-TG2740 base unit. The handset will be assigned the extension number at registration. Only one handset can be registered at a time. **Make sure the base unit and the other handsets are not being used. Registration must be completed within 1 minute.**



The handset display shows the instructions as shown on the right.

1 Base unit: Press **MUTE**.
•The MUTE indicator light flashes.

2 Handset:
① Press the soft key (**OK**).

② Wait until a long beep sounds and the display shows the registered number. The registration will be then complete.

OK
Press MUTE on
base unit, then
OK on handset to
register handset
[] [-]

Handset
Registering
[] [-]

Ex. Extension number 2

Handset [2]
Registered
[] [2]

- The registered number “[1]” to “[8]” is shown on the bottom right of the display.
- You can stop registration by pressing **SNOOZE/ALARM** or **OFF** on the handset and pressing **MUTE** on the base unit.
- The displays will vary depending on which base unit model this handset is registered to.

To re-register a handset to a different base unit of the same model, see pages 62 and 63.

Clock Setting



Date and Time

Make sure the handset is not being used.

- 1 Press **[SNOOZE/ALARM]**.
 - “Set date & time” is displayed if the clock has not been set yet.

Ex. Handset on Charger

Charging
Set date & time
SAVE
Date: 2002.01.01
Time: 12:00 AM
◀ ▶ ▼▲ = Date & Time

- 2 Enter the year, month, day and time using ▼, ▲ and ▶.
 - You can scroll to the desired number by pressing ▼ or ▲. To move forward, press ▶. To move backward, press ◀.
 - If you enter a wrong year/month/day/time, move to the desired field by pressing ◀ or ▶, then correct it by pressing ▼ or ▲.
 - You can also enter the year, month, day and time using the dialing buttons (0 to 9).

Ex. Aug. 10, 2002, 9:30

Date: 2002.08.10
Time: 09:30 AM
◀ ▶ ▼▲ = Date & Time

- 3 Select “AM” or “PM” by pressing ▼ or ▲.
 - You can also press * to select “AM” or “PM”.

SAVE
Date: 2002.08.10
Time: 09:30 PM
◀ ▶ ▼▲ = Date & Time

- 4 Press the soft key (**SAVE**).
 - A beep sounds and the clock starts working.
 - If 3 beeps sound, the setting is invalid. Start again from step 2.
 - To exit the programming mode, press **[SNOOZE/ALARM]** or **[OFF]**.
- You can exit the programming mode any time by pressing **[SNOOZE/ALARM]** or **[OFF]**.
- When entering the time using the dialing buttons, you cannot enter numbers greater than 12. **Do not use military time.** (To set 13:00 hours, enter “0100”, and select “PM”.)

To check the date and time

While the handset is not being used, press **[SNOOZE/ALARM]**.

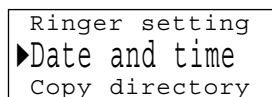
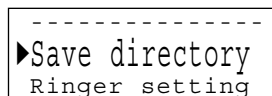
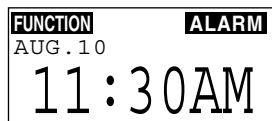
- The date will be displayed above the time.
- The display will light for a few seconds. To make the display stay lit with the handset on the charger while not in use (standby mode), turn the LCD backlight mode on (p. 20).

FUNCTION	ALARM
AUG. 10	
11:30AM	

➡ Clock Setting

To adjust the date and time

- Press **[SNOOZE/ALARM]**.
 - You can also press **[CONF/FUNCTION]** to directly enter the function menu (p. 15) and go to step 3.
- Within 5 seconds, press the soft key (**[FUNCTION]**).
- Scroll to "Date and time" by pressing **[▼]** or **[▲]**, and press **[▶]**.
- Adjust the date and time, using **[▼]**, **[▲]**, **[◀]** or **[▶]**.
- Press the soft key (**[SAVE]**).



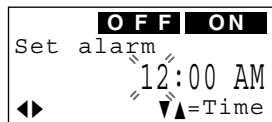
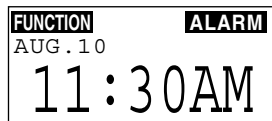
For Caller ID service users (p. 26)

- The Caller ID information will reset the clock after the first ring if the adjusted time is incorrect.
- If the clock has not previously been set, the Caller ID information will not adjust the clock.
- The Caller ID information will automatically adjust the clock for daylight saving time.

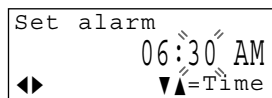
Turning the Alarm ON

The handset has an alarm clock. You can set the alarm to ring at the set time. The alarm will ring for 10 minutes and will automatically stop if you do not stop it (p. 13). **Make sure the handset is not being used.**

- Press **[SNOOZE/ALARM]**.
- Within 5 seconds, press the soft key (**[ALARM]**).
- Scroll to the desired hour by pressing **[▼]** or **[▲]**, and press **[▶]**.
 - Scroll to the desired minute by pressing **[▼]** or **[▲]**, and press **[▶]**.

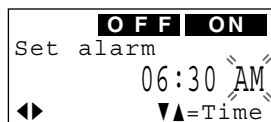


Ex. Set time: 6:30

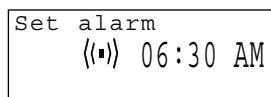


- To move between the hour and minute, press **[◀]** or **[▶]**. You can change the hour/minute by pressing **[▼]** or **[▲]**.
- You can also enter the hour or minute by using the dialing buttons (**[0]** to **[9]**).

- 4 Select "AM" or "PM" by pressing or .
- You can also press to select "AM" or "PM".



- 5 Press the soft key () to turn the alarm on.
- A beep sounds and "" is displayed.

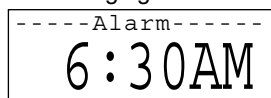


- When you are using the handset or a call is being received, the alarm will ring after you end the operations or the handset stops ringing for the in-coming call.

To stop the alarm

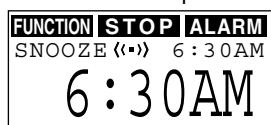
While the alarm is ringing, you can stop it temporarily by pressing . The alarm will then start ringing again in 9 minutes. The SNOOZE function can be used repeatedly.

Alarm ringing.



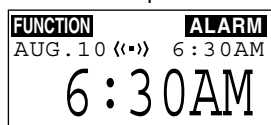
To stop the alarm completely, you need to turn the SNOOZE mode off. Press , then the soft key ().

SNOOZE button pressed.



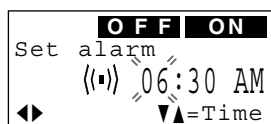
- A beep sounds and "SNOOZE" will disappear.
- To turn the SNOOZE mode off while the alarm is ringing, press , then press the soft key (). You have 20 seconds to press the soft key (). Otherwise "" will disappear and you cannot use the soft key (). In that event press , then press the soft key () within 5 seconds.
- The alarm will ring daily until you turn it off.

STOP button pressed.



To turn the alarm OFF

1. Press , and within 5 seconds, press the soft key ().
 2. Press the soft key ().
- A beep sounds and "" will disappear.



Programmable Settings

Programming Guidelines

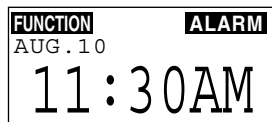
This unit has programmable functions. Most of them are selected from the function menu on the display (p. 15).

How to select a function item from the menu

Make sure the handset is not being used.

1. Press **[SNOOZE/ALARM]**.

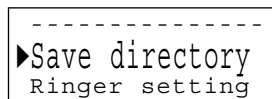
- You can also press **[CONF/FUNCTION]** to directly enter the main menu and go to step 3.



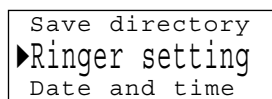
2. Within 5 seconds, press the soft key

[FUNCTION].

- The main menu is displayed.



3. You can scroll through the menu by pressing **[▼]** or **[▲]**. Scroll to the desired item by pressing **[▼]** or **[▲]**, and press **[▶]** to select the item.



- If the item has a sub-menu I, it will be displayed. Select the sub-menu item. If the sub-menu I item has the sub-menu II, it will be displayed. Select the sub-menu II item.

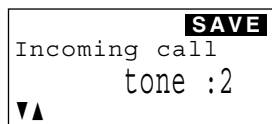
4. You can then select the desired setting.

Ex. Incoming Call Tone setting

5. To save the setting, press the soft key

[SAVE].

- When programming is complete, a confirmation tone sounds. The display will return to the main menu or the sub-menu I or the sub-menu II (if the function item is in the sub-menu I or in the sub-menu II). You can continue programming other items. To exit the menu, press **[SNOOZE/ALARM]** or **[OFF]**.



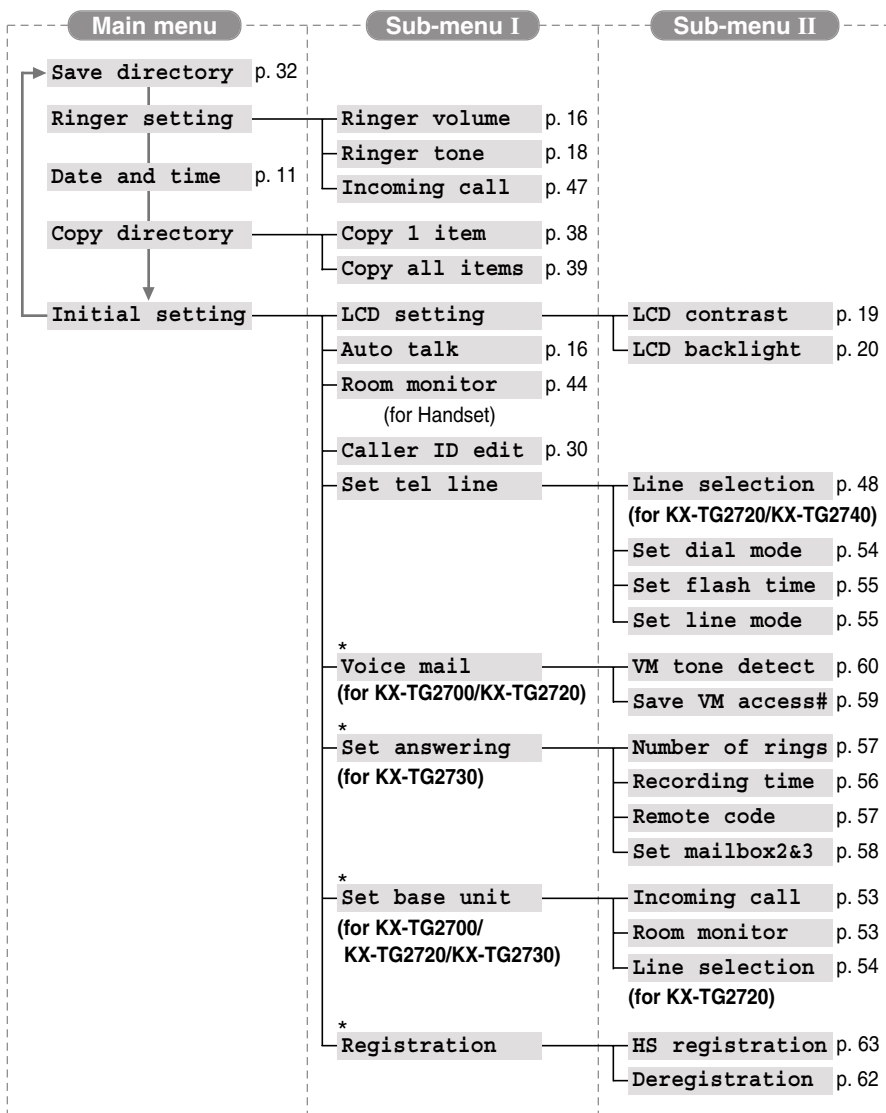
Useful information:

- You can go back to the previous display by pressing **[◀]** except when entering characters or numbers. To return to the main menu from the sub-menu I or sub-menu II, press **[◀]**.
- You can exit the programming mode any time by pressing **[SNOOZE/ALARM]** or **[OFF]**.
- If you do not press any buttons for 60 seconds, the handset will exit the programming mode.



Function Menu Table



The main menu is displayed first. Menu items will vary depending on which base unit model (KX-TG2700/KX-TG2720/KX-TG2730/KX-TG2740) this handset is registered to.



* These items are programmed within the system.

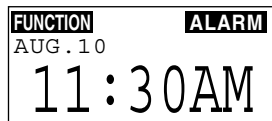
➡ Programmable Settings

Auto Talk Feature

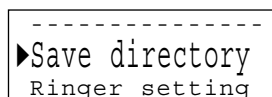
The Auto Talk feature allows you to answer a call by lifting the handset off the charger without pressing  or . If you want to use this feature, turn the feature ON. Your phone comes from the factory set to OFF.




Make sure the handset is not being used.

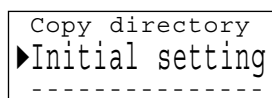
- 1 Press **SNOOZE/ALARM**.
 - You can also press **CONF/FUNCTION** to directly enter the function menu and go to step 3.




- 2 Within 5 seconds, press the soft key **(FUNCTION)**.





- 3 Scroll to "Initial setting" by pressing  or , and press .

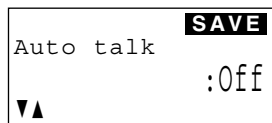


- 4 Scroll to "Auto talk" by pressing  or , and press .

- The current setting is displayed.



- 5 Select "On" or "Off" by pressing  or .



- 6 Press the soft key **(SAVE)**.

- A beep sounds.
- To exit the programming mode, press **SNOOZE/ALARM** or **OFF**.

- You can exit the programming mode any time by pressing **SNOOZE/ALARM** or **OFF**.
- In order to view Caller ID information after you lift up the handset to answer a call, leave the Auto Talk feature OFF.

Ringer Volume

You can program the ringer volume to HIGH, MEDIUM, LOW or OFF. Your phone comes from the factory set to HIGH.

For KX-TG2700/KX-TG2730 users:

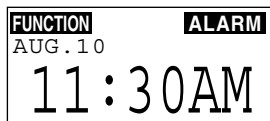
If set to OFF, the handset will not ring for external calls, and for internal calls it will ring at the LOW level.

For KX-TG2720/KX-TG2740 users:

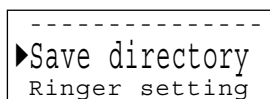
You can select the ringer volume for each line. If set to OFF, the handset will not ring for the line(s). The ringer volume for internal calls follows the higher level of the two lines. When the ringer volume is off for both lines, the handset will ring at the LOW level for internal calls.

**Make sure the handset is not being used.**

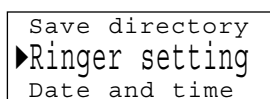
- 1 Press **[SNOOZE/ALARM]**.
 • You can also press **[CONF/FUNCTION]** to directly enter the function menu and go to step 3.



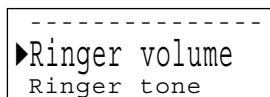
- 2 Within 5 seconds, press the soft key (**[FUNCTION]**).



- 3 Scroll to "Ringer setting" by pressing **[▼]** or **[▲]**, and press **[▶]**.

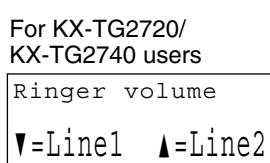


- 4 Press **[▶]** at "Ringer volume".

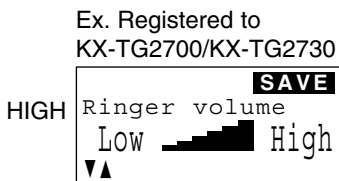


- 5 For KX-TG2700/KX-TG2730 users:
Go to step 6.

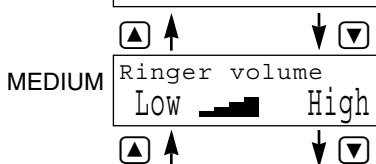
For KX-TG2720/KX-TG2740 users:
Press **[▼]** (Line 1) or **[▲]** (Line 2) to select the line.



- 6 Select the desired volume by pressing **[▼]** or **[▲]**.
 • Each time you press **[▼]** or **[▲]**, the volume will change and ring.
 • **To turn the ringer OFF:**
press **[▼]** repeatedly until "Off ?" is displayed.

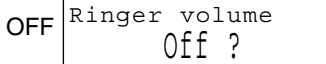
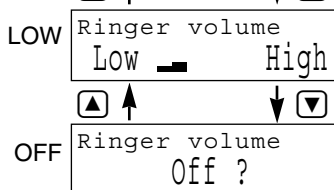


- 7 Press the soft key (**[SAVE]**).
 • A beep sounds.

**To turn the ringer ON:**

Press **[▲]** in step 6, and press the soft key (**[SAVE]**).

- The ringer will sound at the LOW level.



- You can exit the programming mode any time by pressing **[SNOOZE/ALARM]** or **[OFF]**.
 • You can also select the ringer volume while an external call is being received.
Press **[▼]** or **[▲]** while the handset is just ringing.

➡ Programmable Settings

Ringer Tone

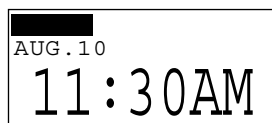
You can select the ringer tone out of 6 patterns. When an external call is being received, the handset rings in the selected tone.

For KX-TG2700/KX-TG2730 users: The ringer tone is preset to “1”.

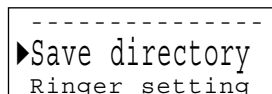
For KX-TG2720/KX-TG2740 users: Line 1 is preset to “1” and Line 2 is preset to “2”.

Make sure the handset is not being used.

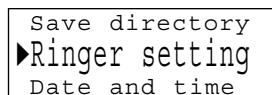
- 1 Press **[SNOOZE/ALARM]**.
- You can also press **[CONF/FUNCTION]** to directly enter the function menu and go to step 3.



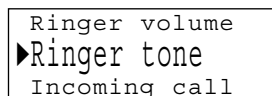
- 2 Within 5 seconds, press the soft key **[FUNCTION]**.



- 3 Scroll to “Ringer setting” by pressing **[▼]** or **[▲]**, and press **[▶]**.



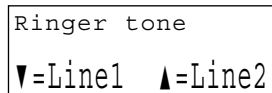
- 4 Scroll to “Ringer tone” by pressing **[▼]** or **[▲]**, and press **[▶]**.



- 5 For KX-TG2700/KX-TG2730 users:
Go to step 6.

For KX-TG2720/
KX-TG2740 users

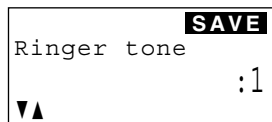
For KX-TG2720/KX-TG2740 users:
Press **[▼]** (Line 1) or **[▲]** (Line 2) to select the line.



- 6 Select the desired ringer tone by pressing **[▼]** or **[▲]**.

- Each time you press **[▼]** or **[▲]**, the tone will change and ring. If the ringer volume has been set to OFF, the handset will not ring (p. 16).

[MUTE] You can also select the ringer tone by pressing the dialing button **[1]** to **[6]**.



- 7 Press the soft key **[SAVE]**.

- A beep sounds.
- To exit the programming mode, press **[SNOOZE/ALARM]** or **[OFF]**.

- You can exit the programming mode any time by pressing **[SNOOZE/ALARM]** or **[OFF]**.

- You cannot change the ringer tone for internal calls.

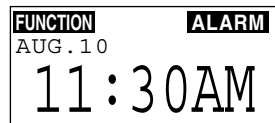


LCD Contrast

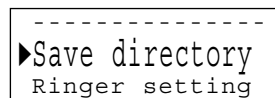
You can program the handset LCD contrast (6 levels). Your phone comes from the factory set to level 3.

Make sure the handset is not being used.

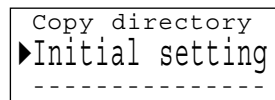
- 1 Press **[SNOOZE/ALARM]**.
 - You can also press **[CONF/FUNCTION]** to directly enter the function menu and go to step 3.



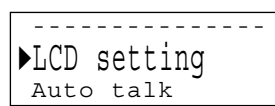
- 2 Within 5 seconds, press the soft key (**[FUNCTION]**).



- 3 Scroll to "Initial setting" by pressing **[▼]** or **[▲]**, and press **[▶]**.



- 4 Press **[▶]** at "LCD setting".

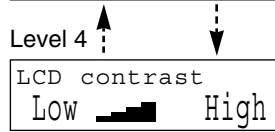
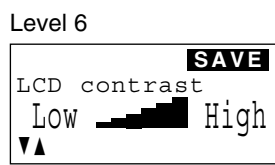


- 5 Press **[▶]** at "LCD contrast".



- 6 Select the desired contrast by pressing **[▼]** or **[▲]**.

- Each time you press **[▼]** or **[▲]**, the LCD contrast will change.
- The number of steps shows the LCD contrast level.



- 7 Press the soft key (**[SAVE]**).
 - A beep sounds.
 - To exit the programming mode, press **[SNOOZE/ALARM]** or **[OFF]**.

- You can exit the programming mode any time by pressing **[SNOOZE/ALARM]** or **[OFF]**.

➡ Programmable Settings

LCD Backlight

To keep the display lit on the handset while the unit is not in use (standby mode) and it is charging, turn the LCD backlight mode ON. Your phone comes from the factory set to OFF.

Make sure the handset is not being used.

- 1 Press **[SNOOZE/ALARM]**.
 - You can also press **[CONF/FUNCTION]** to directly enter the function menu and go to step 3.
- 2 Within 5 seconds, press the soft key **[FUNCTION]**.
- 3 Scroll to “Initial setting” by pressing **[▼]** or **[▲]**, and press **[▶]**.
- 4 Press **[▶]** at “LCD setting”.
- 5 Scroll to “LCD backlight” by pressing **[▼]** or **[▲]**, and press **[▶]**.
- 6 Select “On” or “Off” by pressing **[▼]** or **[▲]**.
- 7 Press the soft key **[SAVE]**.
 - A beep sounds.
 - To exit the programming mode, press **[SNOOZE/ALARM]** or **[OFF]**.

FUNCTION	ALARM
AUG.10	
11:30AM	

▶Save directory
Ringer setting

Copy directory
▶Initial setting

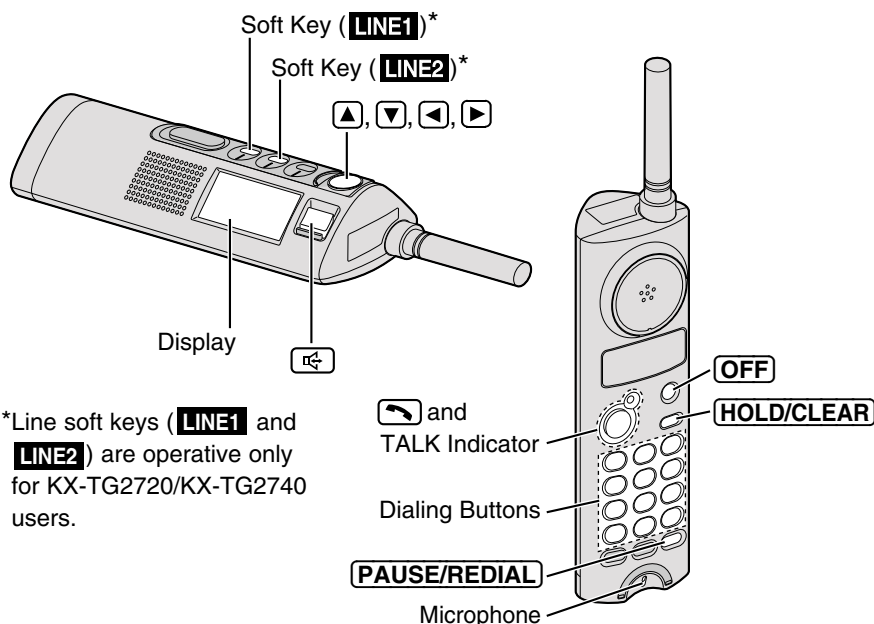
▶LCD setting
Auto talk

LCD contrast
▶LCD backlight

	SAVE
LCD backlight	:Off
▼▲	

- You can exit the programming mode any time by pressing **[SNOOZE/ALARM]** or **[OFF]**.
- Regardless of the LCD backlight mode setting, the display will light for a few seconds if any button is pressed or if the handset is lifted from the charger. Then the backlight will go out (p. 24).

Making Calls

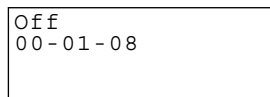
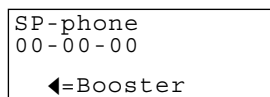
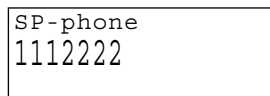
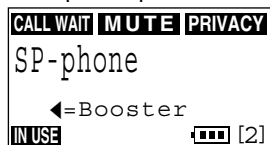


*Line soft keys (**LINE1** and **LINE2**) are operative only for KX-TG2720/KX-TG2740 users.

For KX-TG2700/KX-TG2730 users


- 1 Press .
OR
Press . (The TALK indicator lights and "Talk" is displayed.)
- 2 Dial a phone number, using the dialing buttons.
 - The dialed number is displayed.
 - After a few seconds, the display will show the length of the call.
- 3 When the other party answers, talk into the microphone.
- 4 To hang up, press if using the speakerphone, or press **OFF**.

Ex. Speakerphone mode





➡ Making Calls

For KX-TG2720/KX-TG2740 users

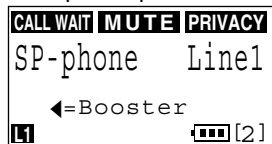
1 Press .

OR

Press . (The TALK indicator lights and "Talk" is displayed.)

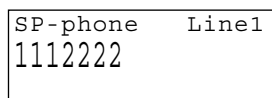
- A free line is automatically selected and the line status icon is displayed. (To change the line selection, see page 48.)
- You can select a line by pressing one of line soft keys (**LINE1** or **LINE2**), instead of pressing . When you press a line soft key (**LINE1** or **LINE2**), the speakerphone is turned on.

Ex. Speakerphone mode

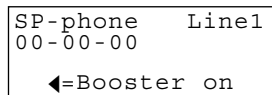



2 Dial a phone number, using the dialing buttons.

- The dialed number is displayed.
- After a few seconds, the display will show the length of the call.

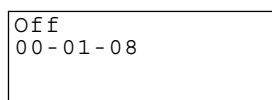


3 When the other party answers, talk into the microphone.



4 To hang up, press  if using the speakerphone, or press **OFF**.





- The line status icon goes out.





- The handset may feel warm while you are having a conversation with the handset on the charger. This is normal.



Hands-free Digital Duplex Speakerphone

For best performance, please note the following:

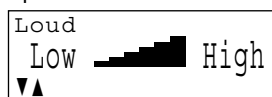
- Talk alternately with the caller in a quiet room.
- If the other party has difficulty hearing you, press  to decrease the speaker volume.
- If the other party's voice from the speaker cuts in/out during a conversation, press  to decrease the speaker volume.
- You can switch from the speaker to the receiver; lift the handset off the charger and press . To switch back to the speaker, press .

To adjust the receiver volume (HIGH, MEDIUM or LOW) or speaker volume (6 levels) while talking

To increase, press . To decrease, press .

- Each time you press  or , the volume level will change.
- The number of steps indicates the volume level.
- The display will return to the length of the call.

Ex. Receiver volume: High
Speaker volume: Level 6





Reception Booster feature

The feature allows the handset to improve the sound quality when using in an area with interference.

Press in the speakerphone or talk mode.

- “Booster on” will flash on the display.
- To turn the feature off, press or .
- The feature will be off after hanging up or when putting a call on hold or making a conference.
- The battery operating time will be shortened using this feature (p. 9).

Ex. Registered to
KX-TG2700/KX-TG2730

SP-phone
00-00-05
◀=Booster

SP-phone
00-00-10
◀=Booster on

To redial using the redial list (Memory Redial)

The last 5 phone numbers dialed with the handset are stored in the redial list.

1. Press to enter the redial list.

Redial list
▶=Caller
▼▲◀=Directory

2. Scroll to the desired number by pressing or .

- The phone number is numbered from the newest to the oldest.
- To exit the list, press **SNOOZE/ALARM**.

DIAL **CLEAR**
333-4444
▼▲
--Redial list1--

3. Press , or the soft key (**DIAL**)*.

*KX-TG2720/KX-TG2740 users must press one of line soft keys (**LINE1** or **LINE2**) after pressing the soft key (**DIAL**).

- You can also enter the redial list by pressing **PAUSE/REDIAL**.
- To erase an item, scroll to the desired number, and press the soft key (**CLEAR**) or **HOLD/CLEAR**.
- If “No items stored” is displayed, the list is empty.

To redial the last number dialed

Press or , and press **PAUSE/REDIAL**.

- For KX-TG2720/KX-TG2740 users can also select a line by pressing one of line soft keys (**LINE1** or **LINE2**), instead of pressing .

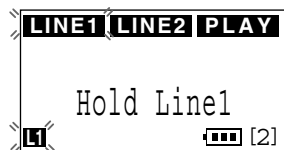
➡ Making Calls

To put a call on hold

Press **HOLD/CLEAR** twice.

- “Hold” is displayed and the call is put on hold.
- If using the receiver;
 - For KX-TG2700/KX-TG2730 users:
The TALK indicator light flashes.
 - For KX-TG2720/KX-TG2740 users:
The TALK indicator light goes out.
- To transfer the call to another person, see page 41;
to transfer to a mailbox to allow the outside party to
leave a message there (for KX-TG2730/KX-TG2740
users), see page 51.
- If a call is kept holding for 6 minutes, an alarm tone
will start to sound. After 4 additional minutes on hold
the call will be disconnected.

Ex. Registered to
KX-TG2720/KX-TG2740



To release the hold

For KX-TG2700/KX-TG2730 users:

Press or .

For KX-TG2720/KX-TG2740 users:

Press the relevant line soft key (**LINE1** or **LINE2**).

To dial after confirming the entered number

1. Enter a phone number.

- If you misdial, press **HOLD/CLEAR**. One digit
will be erased. Dial the correct phone number.
- To cancel, press **OFF**.

3334444 ■

2. Press or .

- KX-TG2720/KX-TG2740 users can select a line by
pressing one of line soft keys (**LINE1** or **LINE2**),
instead of pressing .

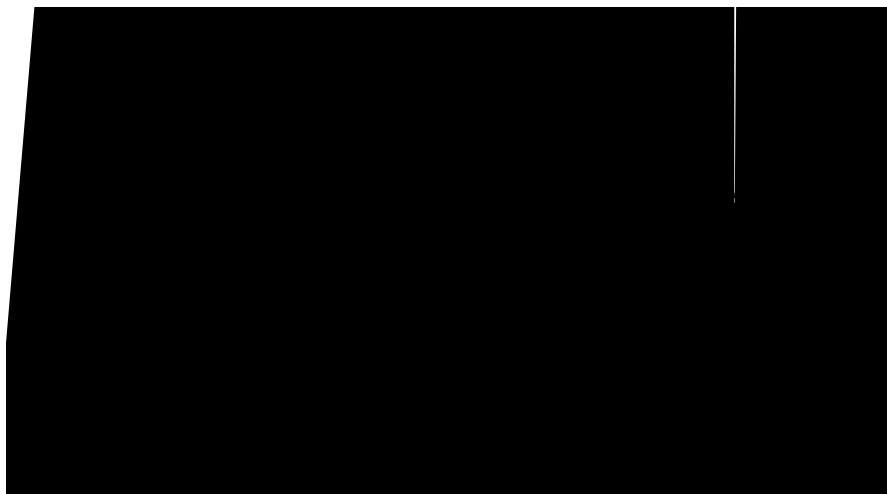
Lighted keypad/Backlit LCD display

The dialing buttons and the display will light when you press any button,
the navigator key, or lift the handset off the charger. After a few seconds
the lights will go out. While you receive a call, they will also light.


Answering Calls

When a call is received, the handset rings and “Incoming call” is displayed. If registered to KX-TG2700/KX-TG2730, the TALK indicator light flashes quickly. If registered to KX-TG2720/KX-TG2740, the called line is displayed.

If you subscribe to a Caller ID service, the calling party information will be displayed after the first ring (p. 26). In order to view the Caller ID information, please wait until the second ring to answer a call.




1 Press , and talk into the microphone.

- You can talk to the caller with the handset on the charger.
- KX-TG2720/KX-TG2740 users can also answer a call by pressing the relevant line soft key (**LINE1** or **LINE2**), instead of pressing .



OR

Press .

- You can also answer a call by pressing any dialing button **0** to **9**, ***** or **#** (**Any Key Talk**).

2 To hang up, press  if using the speakerphone, or press **OFF**.

Auto Talk:

If you set the Auto Talk feature to ON (p. 16), you can answer a call by lifting the handset off the charger without pressing  or .

- To transfer the call that you took, to another person, see page 41.
- For KX-TG2730/KX-TG2740 users: To transfer the call to a mailbox to allow the caller to leave a message there, see page 51.
- When the ringer volume is set to OFF, the handset will not ring (p. 16).

Caller ID Service

This unit is compatible with a Caller ID service offered by your telephone company. If you subscribe to a Caller ID service, the calling party's information will be shown on the handset after the first ring.

The handset can record information of up to 50 different callers, including the time and date received and the number of times called, in the Caller List. The Caller List information is sorted by the most recent to the oldest call. When the 51st call is received, the first call is deleted.

How caller information is displayed when a call is received

For KX-TG2700/KX-TG2730 users:

The display shows the caller's name and phone number after the first ring.

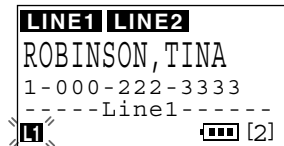
- After you answer the call, the display will show the length of the call.



For KX-TG2720/KX-TG2740 users:

The display shows the caller's name, number and the called line after the first ring.

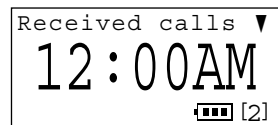
- The called line status icon flashes quickly.
- After you answer the call, the display will show the length of the call.
- If both lines receive calls at the same time, each caller's information will be displayed alternately.



If you have received new calls

"Received calls" is displayed while the handset is not in use.

- If the battery needs to be charged, "Received calls" will not be displayed (p. 9).
- For KX-TG2700/KX-TG2720 users:
If you subscribed to a voice mail service and a message has been received, "Voice mail" will be displayed.



Using the Caller List



Viewing the Caller List

To check who has called, follow the steps below.

Make sure the handset is not being used.

- 1 Press or to enter the Caller List.
•The display will show, for example, the following.

Caller's list
10 new calls
▶=Directory
▼▲◀=Redial

- 2 To search from the most recent call, press .
- To search from the oldest call, press .
- To scroll between callers, press or .

For KX-TG2700/
KX-TG2730 users

DIAL EDIT CLEAR
SMITH, JACK
1-222-333-4444
3:10P JUN.10

For KX-TG2720/
KX-TG2740 users

DIAL EDIT CLEAR
SMITH, JACK
1-222-333-4444 **1**
3:10P JUN.10

- 3 To exit the list, press **SNOOZE/ALARM**
or **OFF**.

- If "No items stored" is displayed, the Caller List is empty.
- If there is no name information for a caller, the display will only show the phone number.
- After viewing all of the new call entries in the Caller List, "Received calls" will disappear.
- Once new calls have been checked, "√" will be added to caller information.
- In step 1, you can go to the directory list by pressing (p. 35). To go to the redial list (p. 23), press .
- If you do not press any buttons for 60 seconds, the handset will exit the Caller List.

What "√" means

When the display shows "√", you have already viewed this calling information, answered the call or called back the caller. If the same caller calls again, the call entry with "√" will be replaced with the new call entry.

Ex. Registered to
KX-TG2700/KX-TG2730

SMITH, JACK
1-222-333-4444
3:10P JUN.10 √

➡ Using the Caller List

If a caller calls more than once

The number of times the same caller called is displayed (X2 to X9). The date and time of the most recent call will be recorded. After checking, X2 to X9 will be replaced with “√”.

Ex. Registered to
KX-TG2700/KX-TG2730



TURNER, CINDY
1-234-456-7890
11:20A JAN.12 X3

What “1” and “2” mean (For KX-TG2720/KX-TG2740 users)



Indication of which line the caller information was received from.

SMITH, JACK
1-222-333-4444 **1**
3:10P JUN.10

Calling Back from the Caller List



1 Press  or  to enter the Caller List.

Caller's list
3 new calls
▶=Directory
▼▲ ◀=Redial

2 Scroll to the desired caller by pressing  or .



Ex. Registered to
KX-TG2720/KX-TG2740

DIAL EDIT CLEAR
TURNER, CINDY
1-234-456-7890 **2**
11:20A JAN.12 X3

3 For KX-TG2700/KX-TG2730 users:
Press ,  or the soft key (**DIAL**).

- The displayed phone number is dialed automatically.

For KX-TG2720/KX-TG2740 users: Press  or .

- If the line selection is “Auto” (p. 48), the indicated line will be selected by pressing  or . If the indicated line is already being used, select the other line by pressing the soft key (**DIAL**) and one of line soft keys (**LINE1** or **LINE2**).

- In some cases, you may have to edit the number before dialing (p. 29).
(Ex. You may have to delete “1” and the area code.)
- If a phone number is not displayed in the caller information, you cannot call back that caller.



Editing the Caller's Phone Number

You can edit a phone number into one of 3 patterns to call back or store it into the directory.

The Caller ID Number Auto Edit Feature (p. 30)

This feature will allow the unit to edit a Caller ID number into one of 3 patterns you desired for you automatically in the Caller List. For details and activation please see page 30.

Make sure the handset is not being used.

1 Press or to enter the Caller List.

Caller's list
3 new calls
▶=Directory
▼▲ ◀=Redial

2 Scroll to the desired caller by pressing or .

Ex. Registered to
KX-TG2700/KX-TG2730

DIAL EDIT CLEAR
PARKER, FRED
1-234-321-5555
11:20A JAN.12 ✓

3 Press the soft key (**EDIT**) to select a pattern.

- Each time you press the soft key (**EDIT**), the number is rearranged into one of 3 patterns.

(a) Phone no.

(b) Area code - Phone no.

(c) 1 - Area code - Phone no.

- The order in which patterns (a)–(c) are displayed depends on how the telephone number is displayed in step 2.

(a) **DIAL EDIT CLEAR**
PARKER, FRED
321-5555
11:20A JAN.12 ✓

(b) **DIAL EDIT CLEAR**
PARKER, FRED
234-321-5555
11:20A JAN.12 ✓

(c) **DIAL EDIT CLEAR**
PARKER, FRED
1-234-321-5555
11:20A JAN.12 ✓

4 To call back, press , or the soft key (**DIAL**)*.

*KX-TG2720/KX-TG2740 users must press one of line soft keys (**LINE1** or **LINE2**) after pressing the soft key (**DIAL**).

To store the number in the directory, press . Follow the instructions on the display (see page 31, from step 4).

- If a 7-digit number comes without editing, "**EDIT**" will not be displayed with the item and you cannot edit that 7-digit number.

➡ Using the Caller List

The Caller ID Number Auto Edit feature

This feature allows your phone to automatically edit an in-coming Caller ID number into one pattern you preferred (Ⓐ, Ⓑ, and Ⓒ, p. 29), and display the Caller ID number with that pattern automatically.

Up to 4 area codes are allowed for this feature for pattern Ⓐ and Ⓑ (p. 29).

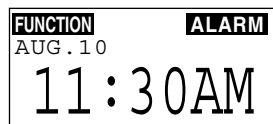
To activate this feature, you must (1) set this feature to on, and (2) make an out-going call from Caller List (p. 28) with a number which has one of 3 patterns that you have edited with considered area code.

The Caller ID number Auto Edit feature is preset to ON at factory.

Make sure the handset is not being used.

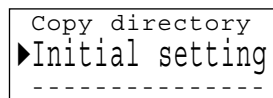
1. Press **SNOOZE/ALARM SET**.

- You can also press **CONF/FUNCTION** to directly enter the function and go to step 3.

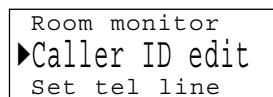


2. Within 5 seconds, press the soft key **(FUNCTION)**.

3. Scroll to "Initial setting" by pressing ▼ or ▲, and press ►.



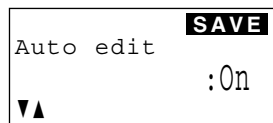
4. Scroll to "Caller ID edit" by pressing ▼ or ▲, and press ►.



5. Select "On" or "Off" by pressing ▼ or ▲.

6. Press the soft key **(SAVE)**.

- A beep sounds.
- To exit the programming mode, press **SNOOZE/ALARM** or **OFF**.



- When the feature is set to OFF, the handset will still be able to display Caller ID, like regular Caller ID telephone, but the in-coming Caller ID number will not be edited by pattern and by area codes.



Storing Caller List Information in the Directory

You can store phone numbers that are in the Caller List into the directory.
Make sure the handset is not being used.

1 Press or to enter the Caller List.

Caller's list
10 new calls
▶=Directory
▼▲◀=Redial

2 Scroll to the caller you want to store in the directory by pressing or .

- If the number requires editing, press the soft key (**EDIT**) (p. 29).

Ex. Registered to
KX-TG2700/KX-TG2730

DIAL EDIT CLEAR
TURNER, CINDY
1-234-456-7890
11:20A JAN.12 x3

3 Press .

- To stop storing, press .

Save directory?
◀=No ▶=Yes

4 Press again.

- A beep sounds.
- To continue storing other items, repeat from step 2.
- To exit the programming mode, press **SNOOZE/ALARM** or **OFF**.

TURNER, CINDY
1-234-456-7890
 [2]

If there is no name information for the caller, "Enter name" will be displayed.

- ① If a name is not required, press the soft key (**NEXT**). If a name is required, enter the name (p. 34). When finished, press the soft key (**NEXT**).

NEXT CLEAR
Enter name
◀▶ ▼▲=Character

Enter name
CINDY TURNER
◀▶ ▼▲=Character

- ② Press the soft key (**SAVE**).

- A beep sounds.
- To continue storing other items, repeat from step 2.
- To exit the programming mode, press **SNOOZE/ALARM** or **OFF**.

EDIT SAVE
CINDY TURNER
1-234-456-7890

- You can exit the programming mode any time by pressing **SNOOZE/ALARM** or **OFF**.
- If the display shows "Directory Full" in step 4, press **SNOOZE/ALARM** or **OFF** to exit the list. To erase other stored items from the directory, see page 37.
- You cannot store caller information in the directory if a phone number is not displayed.

➡ Using the Caller List

Erasing Caller List Information

Make sure the handset is not being used.

To erase a specific caller from the Caller List

- 1 Press **▼** or **▲** to enter the Caller List.
- 2 Scroll to the caller you want to erase from the Caller List by pressing **▼** or **▲**.
- 3 Press the soft key (**CLEAR**) or **HOLD/CLEAR**.
 - A beep sounds and "Clear" is displayed.
 - To erase other items, repeat from step 2.
 - To exit the Caller List, press **SNOOZE/ALARM** or **OFF**.

Ex. Registered to
KX-TG2700/KX-TG2730

DIAL	EDIT	CLEAR
REAGAN, TOM		
1-888-777-6666		
12:20A JAN.12 ✓		

To erase all entries in the Caller List

Before erasing all entries, make sure that "0 new call" is displayed.

- 1 Press **▼** or **▲** to enter the Caller List.
- 2 Press the soft key (**CLEAR**) or **HOLD/CLEAR**.
 - To stop erasing, press **◀**.
- 3 Press the soft key (**CLEAR**) or **HOLD/CLEAR** again.
 - A beep sounds and "All clear" is displayed.

CLEAR
Caller's list
0 new call
▶=Directory
▼▲ ◀=Redial

All clear?	
◀=No	CLEAR=Yes

Directory



You can store up to 50 names and phone numbers in the directory. All of the directory items are sorted by the first word in alphabetical order. You can make a call by selecting a name on the display. You can also send the directory items from your handset to another unit and vice versa (p. 38).

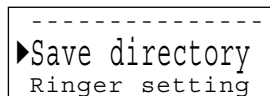
Storing Names and Numbers

Make sure the handset is not being used.

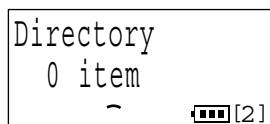
- 1 Press **SNOOZE/ALARM**.
 - You can also press **CONF/FUNCTION** to directly enter the function menu and go to step 3.

FUNCTION	ALARM
AUG.10	
11:30AM	

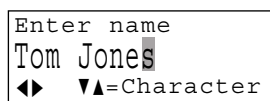
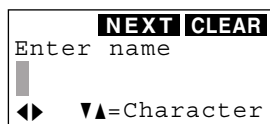
2 Within 5 seconds, press the soft key (**FUNCTION**).



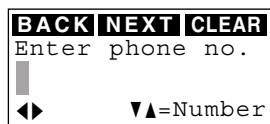
3 Press **▶** at "Save directory".
•The display shows the number of stored items in the directory.



4 Enter a name, up to 16 characters (p. 34):
Select each character by pressing **▼** or **▲** to scroll to it. To enter the next character, press **▶**.
•You can also enter a name by using the dialing buttons (**0** to **9**) (p. 34).
•To move the cursor, press **◀** or **▶**.
•If a name is not required, press the soft key (**NEXT**) and go to step 6.



5 Press the soft key (**NEXT**).



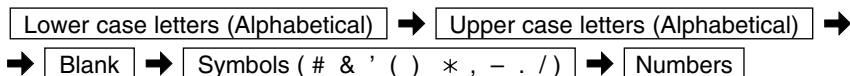
➡ Directory




Selecting characters to enter names

There are two ways of entering names (a) and (b).

a) Using the Navigator key:

The character order is as following:




- Press  to scroll down. Press  to scroll up.
- You need to press  to enter the next character.



b) Using the dialing buttons (0 to 9):

Example: To select the letter “S”, press **7** eight times.

Keys	Number of times key is pressed										
	1	2	3	4	5	6	7	8	9	10	11
1	#	&	'	()	*	,	–	.	/	1
2	a	b	c	A	B	C	2				
3	d	e	f	D	E	F	3				
4	g	h	i	G	H	I	4				
5	j	k	l	J	K	L	5				
6	m	n	o	M	N	O	6				
7	p	q	r	s	P	Q	R	S	7		
8	t	u	v	T	U	V	8				
9	w	x	y	z	W	X	Y	Z	9		
0	0	Blank									

- To enter another character using the same number key, press  to move the cursor to the next space.

If you make a mistake while entering a name and phone number

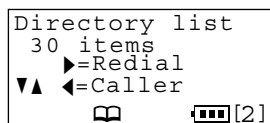
Press  or  to move the cursor to the incorrect character, press the soft key (**CLEAR**) or (**HOLD/CLEAR**) to delete and enter the correct character. Each time you press the soft key (**CLEAR**) or (**HOLD/CLEAR**) a character is erased. To erase all characters, press and hold the soft key (**CLEAR**) or (**HOLD/CLEAR**).



Dialing from the Directory

Make sure the handset is not being used.

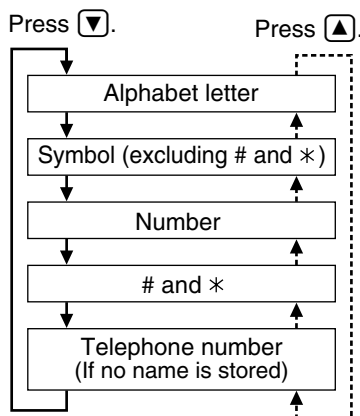
- Press to enter the directory list.
 - The display shows the number of stored items in the directory.



- Scroll to the desired item by pressing or .
 - All directory items are stored in the order shown on the right.

To search for a name by initial:

- Press the dialing button for the first letter of the desired name until any name with the same initial is displayed (see the Index table below).
Ex. To find "Frank", press repeatedly until the first item under "F" is displayed.
- Press repeatedly until the name is displayed.



- Press , , or the soft key (**DIAL**)*.
*KX-TG2720/KX-TG2740 users must press one of line soft keys (**LINE1** or **LINE2**) after pressing the soft key (**DIAL**).




- If "No items stored" is displayed in step 1, the directory list is empty.
- You can leave the directory list any time by pressing **SNOOZE/ALARM** or **OFF**.
- In step 1, you can go to the Caller List by pressing (p. 27). To go to the redial list, press (p. 23).



Index table



Keys	Index	Keys	Index
	Other symbols, 1		M, N, O, 6
	A, B, C, 2		P, Q, R, S, 7
	D, E, F, 3		T, U, V, 8
	G, H, I, 4		W, X, Y, Z, 9
	J, K, L, 5		0

Editing

Make sure the handset is not being used.

- 1 Press  to enter the directory list.





Directory list
10 items
▶=Redial
▼▲◀=Caller
  [2]

- 2 Scroll to the directory item you want to change, by pressing  or .
- To search for the item by initial, see page 35.

DIAL EDIT CLEAR
Jane
456-7890

- 3 Press the soft key (**EDIT**).





Enter name
Jane
◀▶ ▼▲=Character

- 4 Edit the name using  or  or the dialing buttons (0 to 9), up to 16 characters (p. 34).
- To move the cursor, press  or .
 - To erase a character, press the soft key (**CLEAR**) or **HOLD/CLEAR**. To erase all of the characters, press and hold the soft key (**CLEAR**) or **HOLD/CLEAR**.
 - If you do not need to change the name, press the soft key (**NEXT**) and go to step 6.

NEXT CLEAR
Enter name
Jane Walker
◀▶ ▼▲=Character

- 5 Press the soft key (**NEXT**).

Enter phone no.
4567890
◀▶ ▼▲=Number

- 6 Add a number to the current number using  or  or the dialing buttons.
- To move the cursor, press  or .
 - Pressing the soft key (**CLEAR**) or **HOLD/CLEAR** erases one digit. To erase all of the digits, press and hold the soft key (**CLEAR**) or **HOLD/CLEAR**.
 - If you do not need to change the number, press the soft key (**NEXT**) and go to step 8.
 - To go back to the previous display, press the soft key (**BACK**). The name can now be edited.

BACK NEXT CLEAR
Enter phone no.
1234567890
◀▶ ▼▲=Number



- 7 Press the soft key (**NEXT**).
- If you want to change the number, press the soft key (**EDIT**) and edit it.

EDIT	SAVE
Jane Walker	
1-234-456-7890	

- 8 When finished, press the soft key (**SAVE**).
- A beep sounds.
 - To continue editing other items, repeat from step 2.
 - To exit the directory list, press (**SNOOZE/ALARM**) or (**OFF**).

- You can exit the edit mode any time by pressing (**SNOOZE/ALARM**) or (**OFF**).

Erasing

Make sure the handset is not being used.

- 1 Press to enter the directory list.

Directory list	
10 items	
▶=Redial	
▼▲ ◀=Caller	
	[2]

- 2 Scroll to the directory item that you want to erase by pressing or .
- To search for the item by initial, see page 35.

DIAL	EDIT	CLEAR
Helen		
1-234-567-8901		

- 3 Press the soft key (**CLEAR**) or (**HOLD/CLEAR**).
- To stop erasing, press .

Clear?	
◀=No	CLEAR=Yes

- 4 Press the soft key (**CLEAR**) or (**HOLD/CLEAR**).
- A beep sounds and the item is erased.
 - To erase other items, repeat from step 2.
 - To exit the directory list, press (**SNOOZE/ALARM**) or (**OFF**).

Clear

- You can exit the programming mode any time by pressing (**SNOOZE/ALARM**) or (**OFF**).

Sending the Directory

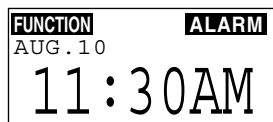
You can send a directory item or all the items from your handset to another handset. KX-TG2740 users can also send items to the base unit. Entries copied to the destination unit are added to its directory. **(Phone Directory Sharing)**

• If an external call is being received during the directory transfer, the transfer will be stopped. You will need to re-send the item(s).

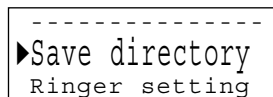
Make sure the base unit, your handset and the destination unit are not being used.

To send one directory item to another handset

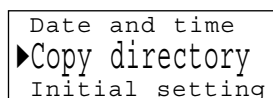
- 1 Press **[SNOOZE/ALARM]**.
• You can also press **[CONF/FUNCTION]** to directly enter the function menu and go to step 3.



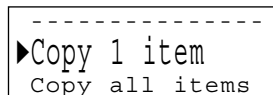
- 2 Within 5 seconds, press the soft key **[FUNCTION]**.



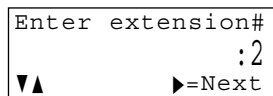
- 3 Scroll to "Copy directory" by pressing **[▼]** or **[▲]**, and press **[▶]**.



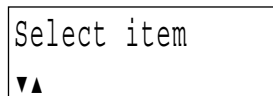
- 4 Press **[▶]** at "Copy 1 item".



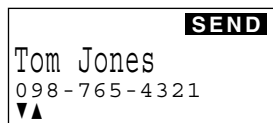
- 5 Select the destination extension number by pressing **[▼]** or **[▲]**.
• You can also select the extension number by pressing the dialing button (**[1]** to **[8]**).
For KX-TG2740 users: you can enter **[0]** for the base unit.



- 6 Press **[▶]**.



- 7 Scroll to the directory item you want to send by pressing **[▼]** or **[▲]**.
• To search for the item by initial, see page 35.



8 Press the soft key (**SEND**).

- When the item has been transferred, "Complete" is displayed and a beep sounds.
- You can continue sending another item. To exit the directory sending mode, press **SNOOZE/ALARM** or **OFF**.

- You can exit the directory sending mode by pressing **SNOOZE/ALARM** or **OFF**.

Complete

To send all of the items in your directory to another unit

1 Press **SNOOZE/ALARM**.

- You can also press **CONF/FUNCTION** to directly enter the function menu and go to step 3.

FUNCTION **ALARM**
AUG.10
12:00AM

2 Within 5 seconds, press the soft key (**FUNCTION**).

3 Scroll to "Copy directory" by pressing **▼** or **▲**, and press **►**.

Date and time
►Copy directory
Initial setting

4 Scroll to "Copy all items" by pressing **▼** or **▲**, and press **►**.

Copy 1 item
►Copy all items

5 Select the destination extension number by pressing **▼** or **▲**.

- You can also select the extension number by pressing the dialing button (**1** to **8**).
- For KX-TG2740 users: you can enter **0** for the base unit.

SEND
Enter extension# :1
▼▲

6 Press the soft key (**SEND**).

- The display will show items one by one and each item's number.
- When all items have been transferred, "Complete" is displayed and a beep sounds.
- The display will return to step 4. You can continue sending items to another extension. To exit the directory sending mode, press **SNOOZE/ALARM** or **OFF**.

Ex. Sending 1st item out of 10 items

Tom Jones
098-765-4321
01/10

Complete

- You can exit the directory sending mode by pressing **SNOOZE/ALARM** or **OFF**.

Intercom

A 2-way intercom is possible between your handset and the base unit or another handset.

Making intercom calls

1 Press **HOLD** (INTERCOM).

Press extension#
to call

2 To page the base unit, press **0**.
To page another handset, enter the
extension number (**1** to **8**).

Ex. Calling Base


Calling [0]


- The paged unit will ring for 1 minute.
- To stop paging, press **OFF**.

3 When the paged party answers, talk into the
handset.


Ex. Intercom with Base

Intercom
■ 0 2

- You can switch to the speaker by pressing .
You can place the handset on the charger and
talk to the other party.

To switch back to the receiver, press .

Intercom
00-00-05
■ 0 2



4 To end the intercom, press  if using
the speakerphone, or press **OFF**.

Answering intercom calls

When an intercom call is being received, the
handset rings and the display shows the calling
extension.





Ex. Handset 1 calling

Call from [1]

Press ,  or **HOLD** (INTERCOM).

- You can also answer the call by pressing any dialing button **0** to **9**, ***** or **#**
(Any Key Talk).
- If you set the Auto Talk feature to ON (p. 16), you can answer a call by lifting the
handset off the charger.

During an intercom call:

- If you have difficulty hearing the other party when using the speakerphone,
decrease the speaker volume by pressing .
- If an incoming call is being received, you will hear two tones (incoming call
tone, p. 47).
 - For KX-TG2700/KX-TG2730 users: To answer, press **OFF** and press 
or , or if you are using the speakerphone, press  twice.
 - For KX-TG2720/KX-TG2740 users:
To answer, press the relevant line soft key (**LINE1** or **LINE2**).

Transferring a Call



You can transfer an external call to the base unit or another handset.

1 During a call, press **(HOLD)** (TRANSFER).

- The call is put on hold.
- If registered to KX-TG2700/KX-TG2720, "9=Mailbox" is not displayed.

Press extension#
to transfer
0-8=Extension
9=Mailbox

Ex. Calling Base when registered
to KX-TG2700/KX-TG2730

Calling [0]
Hold

2 To page the base unit, press **(0)**. To page another handset, enter the extension number using the dialing button **(1)** to **(8)**.

Ex. Registered to
KX-TG2720/KX-TG2740

LINE1 **LINE2** **MUTE**
Intercom
0 2
Hold Line1

3 If required, wait for the paged party to answer, and you can announce the transfer. If not required, go to step 4.

- If the paged party does not answer;
 - For KX-TG2700/KX-TG2730 users:
Press **(OFF)** and **(📞)** or **(📞)**, or if using the
speakerphone, press **(📞)** twice, to return to
the outside call.
 - For KX-TG2720/KX-TG2740 users:
Press the relevant line soft key (**LINE1** or
LINE2) to return to the outside
call.

4 To complete the transfer, press **(📞)** if using the speakerphone, or press **(OFF)**.

To answer a transferred call

- If the paging party announces the transfer,
the calling extension is displayed. Press **(📞)**,
(📞) or **(HOLD)** (INTERCOM) to answer
the page.

Ex. Handset 1 calling

Call from [1]

- After the paging party hangs up the call, you can
talk to the outside caller.

- If the paging party hangs up before you answer the page,
"Incoming call" is displayed. Press **(📞)** or **(📞)** to take the
transferred call.

- KX-TG2720/KX-TG2740 users can also press the relevant line soft key (**LINE1**
or **LINE2**) to take the transferred call.

➡ Transferring a Call

- Any user can take a transferred call;
 - For KX-TG2700/KX-TG2730 users: press or .
 - For KX-TG2720/KX-TG2740 users: press the relevant soft key (or).
- If you do not announce the transfer and if the paged party does not answer within 60 seconds after you hang up, the transferred call will be returned to you with ringing. If you still do not answer the caller's call within 4 minutes, the call will be disconnected. You may answer the caller before or during the ringing; For KX-TG2700/KX-TG2730 users: press or . For KX-TG2720/KX-TG2740 users: press the relevant soft key (or). After answering the call, KX-TG2730/KX-TG2740 users may also transfer the call into a mailbox by performing the following three steps:
 - (1) telling the caller the # sign and the intended mailbox number if necessary (p. 49),
 - (2) your pressing **HOLD** (**TRANSFER**), and
 - (3) your pressing the **9** button to hang up a call, so the intended mailbox will be presented to the caller (p. 51).

Conference

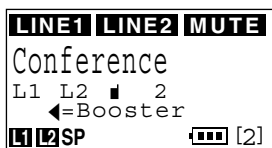


Conference with two external calls

(For KX-TG2720/KX-TG2740 users)

While having a conversation on one line, you can make or answer a second call on the other line and then combine the calls to make a conference call.

- 1 During a call, press **HOLD/CLEAR** twice to put the first call on hold.
- 2 To make or answer a second call, select the other line by pressing the relevant soft key (**LINE1** or **LINE2**).
- 3 When the second call is connected, press **CONF/FUNCTION** to make a conference call.



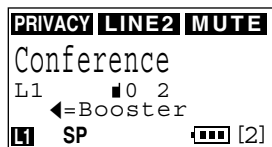
- To hang up both lines, press if using the speakerphone, or press **OFF**.
- To hang up only one line, press the relevant soft key (**LINE1** or **LINE2**) for the party with which you want to continue talking.
- To put both lines on hold, press **HOLD/CLEAR**. To talk with only one caller, press the relevant soft key (**LINE1** or **LINE2**). To resume both lines, press **CONF/FUNCTION**.
- You cannot call another extension to make a conference call.

Conference with an external call and an intercom call

While you are talking with an outside caller, you can call the base unit or another handset to make a conference call.

- 1 During a call, press **HOLD/CLEAR**.
 - The call is put on hold.
- 2 To page the base unit, press **0**. To page another handset, enter the extension number using the dialing button (**1** to **8**).
- 3 When the paged party answers, press **CONF/FUNCTION** on your handset to make a conference call.

Ex. Registered to
KX-TG2720/KX-TG2740



- To leave the conference, press if using the speakerphone, or press **OFF**. The two other parties can continue the conversation.
- During a conference, the outside call can be placed on hold by pressing **HOLD/CLEAR**. Internal communications between extensions are not suspended. Only the person who placed the call on hold can resume the full conference; press **CONF/FUNCTION**.

➡ Conference

Call Share

This feature allows you to join the existing external call.

To join a conversation (Call Share)

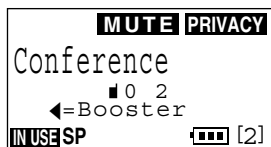
For KX-TG2700/KX-TG2730 users:

Press  or .

For KX-TG2720/KX-TG2740 users:

Press the relevant soft key (**LINE1** or **LINE2**).

Ex. Registered to
KX-TG2700/KX-TG2730



To prevent other users from joining your conversation (Call Privacy feature)

You can turn the feature on during a call. If you allow other users to join your conversation, leave the feature off.

Press the soft key (**PRIVACY**) during a conversation.

- “**PRIVACY**” will be displayed.
- To turn the feature off, press the soft key (**PRIVACY**) again. “**PRIVACY**” will disappear.
- When the Call Privacy feature is turned on, other users cannot join the conversation. The feature will return to off after you hang up the call.

Ex. Registered to
KX-TG2720/KX-TG2740



Room Monitor Feature



This feature allows you to monitor a room through another handset or the base unit by using the intercom feature. For example you can monitor a baby from different areas of the house. You can call another handset or the base unit using the extension number, to monitor the room. The called unit will not ring. If you allow other users to monitor through your handset, turn the feature on. If you want to prevent your handset from being monitored by other extensions, leave this feature off (factory preset).

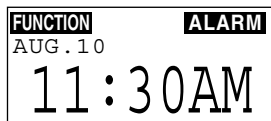
To turn the Room Monitor feature on (to allow other users to monitor through your handset)

Make sure the handset is not being used.

1

Press **SNOOZE/ALARM**.

- You can also press **CONF/FUNCTION** to directly enter the function menu and go to step 3.



2 Within 5 seconds, press the soft key (**FUNCTION**).

3 Scroll to "Initial setting" by pressing ▼ or ▲, and press ►.

```
Copy directory
►Initial setting
-----
```

4 Scroll to "Room monitor" by pressing ▼ or ▲, and press ►.

```
Auto talk
►Room monitor
  Caller ID edit
```

5 Select "On" by pressing ▼ or ▲, and press the soft key (**SAVE**).

- A beep sounds.
- To exit the programming mode, press **SNOOZE/ALARM** or **OFF**.

```
Room monitor SAVE
:On
▼▲
```

•To prevent your handset from being monitored, select "Off" in step 5, and press the soft key (**SAVE**).

To monitor a room

The destination unit must not be used and the destination handset must be off the base unit.

1 Press **HOLD** (**INTERCOM**).

```
MONITOR
Press extension#
to call
```

2 Press the soft key (**MONITOR**).

```
Press extension#
for room monitor
```

3 To call the base unit, press **0**.
To call another handset, enter the extension number using the dialing button (**1** to **8**).

```
Room monitor
  ■ 0 2
```

- Your handset will start to monitor the room through the destination unit.
- To monitor from the speaker, press **☎**. You can place the handset on the charger. To switch back to the receiver, press **📞**.

```
Room monitor
00-00-05
  ■ 0 2
```

4 To end monitoring, press **☎** or the soft key (**OFF**) if using the speakerphone, or press **OFF**.

- You can stop being monitored by pressing **☎**, the soft key (**OFF**) or **OFF**.
- If the Room Monitor feature of the destination unit is off or the destination handset is on the base unit, "Denied" will be displayed and busy tones will sound.

Special Features

Muting Your Conversation

During a call, you can make the other party not listen to you. When muting your conversation, you can hear the other party.

Press the soft key (**MUTE**).

- “Mute” will be displayed for a few seconds and “**MUTE**” will flash.
- To release the mute, press the soft key (**MUTE**).
- When you switch between the speaker and receiver, the mute will be released.



For Call Waiting Service Users

Press the soft key (**CALL WAIT**) or (**FLASH/CALL WAIT**) if you hear a call-waiting tone while talking.

- The soft key (**CALL WAIT**) is operative only when using the speakerphone.
- For KX-TG2700/KX-TG2730 users: The first call is put on hold and you can answer the second call. For KX-TG2720/KX-TG2740 users: The first call on the same line is placed on hold and you can answer the second call.
- To return to the first caller, press the soft key (**CALL WAIT**) or (**FLASH/CALL WAIT**) again.

Call Waiting Caller ID Feature

Call Waiting Caller ID Feature allows your handset to display the second caller's information. After you hear a call-waiting tone while talking, the handset will display the caller's name with the phone number and "Waiting".

Ex. Registered to
KX-TG2700/KX-TG2730



Temporary Tone Dialing (For Rotary or Pulse Service Users)

Press (**TONE**) before entering access numbers which require tone dialing.

- The dialing mode changes to tone. You can enter numbers to access an answering service, electronic banking service, etc. When you hang up, the mode will return to pulse.

FLASH Button

Pressing (**FLASH/CALL WAIT**) also allows you to use special features of your host PBX such as transferring an extension call or accessing special telephone services (optional) such as call waiting.

- Pressing (**FLASH/CALL WAIT**) causes to disable the Temporary Tone Dialing mode or the mute.
- The flash time can be selected within the system (p. 55).



How to Use the PAUSE Button (For PBX Line/Long Distance Calls)

We recommend you press **PAUSE/REDIAL** if a pause is required for dialing with a PBX or to make a long distance call.

Ex. Line access number **9** (PBX)

9 → **PAUSE/REDIAL** → Phone number

- Pressing **PAUSE/REDIAL** once creates a 3.5 second pause. This prevents misdialing when you redial or dial a stored number.
- Pressing **PAUSE/REDIAL** more than once increases the length of the pause between numbers.
- When storing a phone number in the directory (p. 33), you can also insert a pause by pressing **▼** or **▲** to scroll to "P".

Incoming Call Tone

During an intercom call (p. 40) or while using the Room Monitor feature (p. 45) or while listening to messages (for KX-TG2730/KX-TG2740 users, p. 49), you can be informed by two tones if a call arrives. While using one line, you can be informed if another call arrives on the other line by two tones (for KX-TG2720/KX-TG2740 users).

If you set to ON, this incoming call tone will be heard for as long as the line rings. To delete the incoming call tone, set to OFF. To set the incoming call tone to sound twice, set to "2". Your phone comes from the factory set to "2".

Make sure the handset is not being used.

- 1 Press **SNOOZE/ALARM**.
 - You can also press **CONF/FUNCTION** to directly enter the function menu and go to step 3.
- 2 Within 5 seconds, press the soft key **(FUNCTION)**.
- 3 Scroll to "Ringer setting" by pressing **▼** or **▲**, and press **▶**.
- 4 Scroll to "Incoming call" by pressing **▼** or **▲**, and press **▶**.
 - The current setting will be displayed.
- 5 Select the desired setting, "On", "Off" or "2", by pressing **▼** or **▲**, and press the soft key **(SAVE)**.
 - A beep sounds.
 - To exit the programming mode, press **SNOOZE/ALARM** or **OFF**.

FUNCTION	ALARM
AUG. 10	
11:30AM	

Save directory
▶ Ringer setting
Date and time

Ringer tone
▶ Incoming call

SAVE
Incoming call
tone :2
▼▲

Special Features

Line Selection (For KX-TG2720/KX-TG2740 Users)

The handset will automatically select a free line when you make a call by pressing **CALL** or **CALL**. The handset will also select the in-coming called line when you answer the in-coming call. You can change the line selection of the handset. There are three options as following:

Line 1: Line 1 will be selected.

Line 2: Line 2 will be selected.

Auto (factory preset): A free line will be selected (Line 1 has priority) when making a call by pressing a caackw(omn of Cng cr IDlled) TJListctep. 28),ange the angTcis thdom

2 Within 5 seconds, press the soft key **(FUNCTION)**.

3 Scroll to "Initial setting" by pressing **▼** or **▲**, and press **▶**.

4 Scroll to "Set tel line" by pressing **▼** or **▲**, and press **▶**.

5 Press **▶** at "Line selection".
•The current setting will be displayed.

6 Select the desired line selection, "Line1", "Line2" or "Auto", by pressing **▼** or **▲**.

7 Press the soft key **(SAVE)**.
•A beep sounds.
•To exit the programming mode, press **(SNOOZE/ALARM)** or **(OFF)**.

•You can exit the programming mode any time by pressing **(SNOOZE/ALARM)** or **(OFF)**.

Mailbox Features (For KX-TG2730/KX-TG2740 Users)

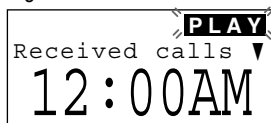


The system accommodates three voice mailboxes. You can share the mailboxes with other members of your family or office for your convenience. Callers from touch tone phones can specify one of three mailboxes to leave a message there. If callers do not specify a mailbox or call from rotary telephones, messages will be recorded into Mailbox 1.

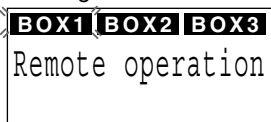
Listening to Messages (Remote Operation)

You can access the mailboxes from your handset and listen to messages. If **“PLAY”** flashes on the display, there are new messages in the mailboxes.

Ex. New messages exist when registered to KX-TG2730.



Ex. Mailbox 1 has new messages.



1 Press the soft key (**PLAY**).

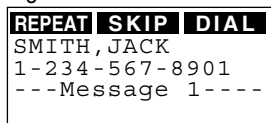
- A beep sounds and “Please select Mailbox” will be heard from the speaker. To switch to the receiver, press . To switch back to the speaker, press .
- The mailboxes that have new messages will flash on the display.

2 Press one of mailbox soft keys (**BOX1**, **BOX2** or **BOX3**).

- If “Enter mailbox password” is announced and displayed, Mailbox 2 or 3 has the password. Enter the password (p. 58), using the dialing buttons ((**0**) to (**9**)).
- “Mailbox (No.)” and the number of new messages will be announced, and new messages will be played.
- To **play all messages** in the mailbox, press the soft key (**5:ALL**) or (**5**).
- You can enter the desired **direct commands** for other functions (p. 51).
- If you do not enter a command, the voice menu will start (p. 50).



Ex. Message playing when registered to KX-TG2730.



3 To end remote operation, press (**SNOOZE/ALARM**) or (**OFF**).

- In step 2, you can also select a mailbox by pressing (**#**)(**1**) (Mailbox 1), (**#**)(**2**) (Mailbox 2) or (**#**)(**3**) (Mailbox 3).
- To adjust the speaker or receiver volume, press to increase, and press to decrease.
- During playback, you can press the soft key (**REPEAT**) or to repeat a message or press the soft key (**SKIP**) or to skip a message.
- If you do not select a mailbox in step 2, the number of new messages in Mailbox 1 will be announced, and new messages will be played.



Mailbox Features

Voice menu

If no commands are entered after you listened to new messages in the mailbox and heard “End of final message”, the handset will start the following voice menu.

“Press 4 to play back new messages. Press 5 to play back all messages.”

- You can enter direct commands (p. 51) even if the voice menu has started.

- You can switch to another mailbox by pressing (#) and the mailbox number ((1) to (3)) during the remote operation.
- The unit will announce the remaining recording time after playback, if it is less than 5 minutes.
- If a call is being received during playback, you will hear incoming call tones (p. 47). To answer the call, press . KX-TG2740 users can also press the relevant line soft key (or), instead of pressing .
- If you hear “Memory full” after playback, erase some, or all, of the messages (p. 51).

For Caller ID service users (p. 26)

During playback, the display shows the

Direct commands

(4)	To play back new messages.
(5)	To play back all messages.
(1)	To repeat the current message.
(2)	To skip the current message.
(3)	To change the playback speed to slow/normal.
(9)	To stop the current operation. •To resume operation, enter a direct command within 15 seconds, or voice menu will start (p. 50).
(*) (4)	To erase the current message.
(*) (5)	To erase all messages in the mailbox.
(#) (1)	To select Mailbox 1.
(#) (2)	To select Mailbox 2.
(#) (3)	To select Mailbox 3.

Transferring a Call to a Mailbox

When you answered a call, and the caller wants to talk to someone who the caller knows is not available, you can place the caller into one of the mailboxes, where the caller can leave a message.

The following is how calls must be transferred to a mailbox:

- 1 You may remind the caller to press the # sign and the mailbox number if necessary, and press **(HOLD) (TRANSFER)**.

•The call is put on hold.

Press extension# to transfer 0-8=Extension 9=Mailbox

- 2 Press **(9)** to hang up the call.

- Even if you subscribed to a Caller ID service (p. 26), caller information will not be displayed while the message that the caller left is being played. The caller information will be recorded in the Caller List (p. 27) if the transferred call is an incoming call.
- Interrupting remote operation from a touch tone phone:** If a user is accessing a mailbox from a remote location, and you mistakenly answer the call; Press **(HOLD) (TRANSFER)** and press **(9)**. The user can then access a mailbox, by entering the remote code or the mailbox password (p. 57, 58).

Voice Mail Service (For KX-TG2700/KX-TG2720 Users)

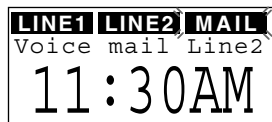
Voice mail service is an electronic on-line answering system offered by your telephone company. After subscribing, the voice mail system can answer calls automatically for you when your line is busy or if calls are not answered, and callers can leave their messages at a voice mail box located at the telephone company.

After the voice mail box has received messages, the handset will indicate it in two ways:

- (a) "Voice mail" will be displayed, and
- (b) "**MAIL**" on the display will flash. If registered to KX-TG2720, the line(s) which received message(s) will also be displayed.

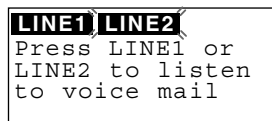
The access number must be stored within the system (p. 59).



Ex. Registered to KX-TG2720



Listening to Voice Mail messages

- 1 Press the soft key (**MAIL**).
 - If registered to KX-TG2720, the display will show as following.




- 2 For KX-TG2700 users:
Press  or .

For KX-TG2720 users:

Press the soft key (**LINE1** or **LINE2**) of the line which received messages.

- The handset is connected to the telephone line and dials the access number.

- 3 Follow the pre-recorded instructions.
When finished, press  if using the speakerphone, or press **(OFF)**.

- If "Voice mail" still remains or "**MAIL**" still flashes on the display even if you have listened to your voice mail message(s), press **(CONF/FUNCTION)**, and press and hold **(HOLD/CLEAR)** until the unit beeps. "Voice mail" will disappear, "**MAIL**" will stop flashing.
- If your voice mail service uses a voice mail tone and the recorded message is over 3 minutes long, "Voice mail" may not be displayed and "**MAIL**" may not flash.

Other Programmable Settings



“Base Unit Settings” (p. 53, 54, for KX-TG2700/KX-TG2720/KX-TG2730 users), “Telephone System Settings” (p. 54, 55), “Answering System Settings” (p. 56-58, for KX-TG2730 users), and “Voice Mail Programming” (p. 59, 60, for KX-TG2700/KX-TG2720 users) are programmed within the system.

- The displays will vary depending on which base unit model (KX-TG2700/ KX-TG2720/KX-TG2730/KX-TG2740) this handset is registered to.

Base Unit Settings (For KX-TG2700/KX-TG2720/KX-TG2730 Users)

Make sure the base unit and the handset are not being used.

Base unit incoming call tone

The system is preset to “2”.

1. Press **(SNOOZE/ALARM)**.

- You can also press **(CONF/FUNCTION)** to directly enter the function menu and go to step 3.

2. Within 5 seconds, press the soft key **(FUNCTION)**.

3. Scroll to “Initial setting” by pressing **Ö** or **Ñ**, and press **á**.

4. Scroll to “Set base unit” by pressing **Ö** or **Ñ**, and press **á**.

5. Press **á** at “Incoming call”.

6. Select the desired setting, “On”, “Off” or “2”, by pressing **Ö** or **Ñ**, and press the soft key **(SAVE)**.

FUNCTION ALARM
AUG.10
11:30AM

Copy directory
►Initial setting

►Set base unit
Registration

►Incoming call
Room monitor

SAVE
Incoming call
 tone :2
▼▲

To turn the base unit Room Monitor feature on (to allow the handset to monitor through the base unit)

1. Follow steps 1 to 4 of “Base unit incoming call tone” above.

2. Scroll to “Room monitor” by pressing **Ö** or **Ñ**, and press **á**.

3. Select “On” by pressing **Ö** or **Ñ**, and press the soft key **(SAVE)**.

- To prevent the base unit from being monitored, select “OFF” in step 3, and press the soft key **(SAVE)**.

Incoming call
►Room monitor

SAVE
Room monitor
 :On
▼▲

➡ Other Programmable Settings

Base unit line selection (For KX-TG2720 users)

The system is preset to “Auto”.

1. Follow steps 1 to 4 of “Base unit incoming call tone” on page 53.

2. Scroll to “Line selection” by pressing **Ö** or **Ñ**, and press **á**.

Room monitor
▶Line selection

3. Select the desired line selection, “Line1”, “Line2” or “Auto”, by pressing **Ö** or **Ñ**, and press the soft key (**SAVE**).

Line selection **SAVE**
:Auto
▼▲

Telephone System Settings

Make sure the base unit and the handset are not being used.

Dialing mode

If you have touch tone service, set to “Tone”. If rotary or pulse service is used, set to “Pulse”. The system is preset to “Tone”.

1. Press (**SNOOZE/ALARM**).

•You can also press (**CONF/FUNCTION**) to directly enter the function menu and go to step 3.

FUNCTION **ALARM**
AUG.10
11:30AM

2. Within 5 seconds, press the soft key (**FUNCTION**).

3. Scroll to “Initial setting” by pressing **Ö** or **Ñ**, and press **á**.

Copy directory
▶Initial setting

4. Scroll to “Set tel line” by pressing **Ö** or **Ñ**, and press **á**.

Caller ID edit
▶Set tel line

5. Scroll to “Set dial mode” by pressing **Ö** or **Ñ**, and press **á**.

▶Set dial mode
Set flash time

6. Select “Pulse” or “Tone” by pressing **Ö** or **Ñ**, and press the soft key (**SAVE**).

Set dial mode **SAVE**
:Tone
▼▲



Line mode

If the line is connected to a low voltage system such as a PBX, set to “B”. The system is preset to “A”.

1. Follow steps 1 to 4 of “Dialing mode” on page 54.

2. Scroll to “Set line mode” by pressing **Ö** or **Ñ**, and press **á**.

3. For KX-TG2700/KX-TG2730 users:

Go to step 4.

For KX-TG2720/KX-TG2740 users:

Press **Ö** (Line 1) or **Ñ** (Line 2) to select the line.

4. Select “B” or “A” by pressing **Ö** or **Ñ**, and press the soft key (**SAVE**).

```
Set flash time
▶Set line mode
-----
```

Ex. Registered to
KX-TG2700/KX-TG2730

```

SAVE
Set line mode
                                :A
▼▲
```

Flash time

The flash time depends on your telephone exchange or host PBX.

You can select the following flash times: “700, 600, 400, 300, 250, 110, 100 or 90 ms (milliseconds)”. The system is preset to “700 ms”.

1. Follow steps 1 to 4 of “Dialing mode” on page 54.

2. Scroll to “Set flash time” by pressing **Ö** or **Ñ**, and press **á**.

3. For KX-TG2700/KX-TG2730 users:

Go to step 4.

For KX-TG2720/KX-TG2740 users:

Press **Ö** (Line 1) or **Ñ** (Line 2) to select the line.

4. Select the desired time by pressing **Ö** or **Ñ**, and press the soft key (**SAVE**).

```
Set dial mode
▶Set flash time
Set line mode
```

Ex. Registered to
KX-TG2700/KX-TG2730

```

SAVE
Set flash time
                                :700ms
▼▲
```

•If the unit is connected via a PBX, PBX functions (transferring a call etc.) might not work correctly. Consult your PBX supplier for the correct setting.

➡ Other Programmable Settings

Answering System Settings (For KX-TG2730 Users)

Make sure the base unit and the handset are not being used.

Caller's recording time

You can select "1 minute", "2 minutes", "3 minutes" or "Greeting only" for the caller's recording time. The system is preset to "3 minutes".

1. Press **(SNOOZE/ALARM)**.
 - You can also press **(CONF/FUNCTION)** to directly enter the function menu and go to step 3.
2. Within 5 seconds, press the soft key **(FUNCTION)**.
3. Scroll to "Initial setting" by pressing **Ö** or **↵**, and press **á**.
4. Scroll to "Set answering" by pressing **Ö** or **↵**, and press **á**.
5. Scroll to "Recording time" by pressing **Ö** or **↵**, and press **á**.
6. Select the recording time by pressing **Ö** or **↵**, and press the soft key **(SAVE)**.

FUNCTION	ALARM
AUG.10	
11:30AM	

Copy directory
▶Initial setting

Set tel line
▶Set answering
Set base unit

Number of rings
▶Recording time
Remote code

SAVE
Recording time
:3min
▼▲

If you select "Greeting only", the Answering System will answer a call with the greeting message, and then hang up. The system will not record any incoming messages.



Number of rings

You can select the number of times the unit rings before the Answering System answers a call, from “2” to “7” or “Toll saver”*.

The system is preset to “4”.

1. Follow steps 1 to 4 of “Caller’s recording time” on page 56.

2. Press **á** at “Number of rings”.

```

-----
▶Number of rings
Recording time
  
```

3. Select the number of rings by pressing **Ö** or **Ñ**, and press the soft key (**SAVE**).

```

                SAVE
Number of rings
                :4
▼▲
  
```

*Toll saver

When you call the unit from outside: If the Answering System answers on the 2nd ring, there is at least one new message. If it answers on the 4th ring, there are no new messages.

Hang up when you hear the 3rd ring. This will save you the toll charge for the call.

Remote code

The remote code prevents unauthorized people from accessing your unit from a touch tone phone and listening to your messages. Choose any **2-digit number (00–99)**. The remote code must be different from the password (p. 58).

The factory preset remote code is “11”. If you do not program your own remote code, you can use “11”.

1. Follow steps 1 to 4 of “Caller’s recording time” on page 56.

2. Scroll to “Remote code” by pressing **Ö** or **Ñ**, and press **á**.

```

Recording time
▶Remote code
Set mailbox2&3
  
```

3. Enter a remote code using a **2-digit number (00–99)**, using the dialing buttons ((0) to (9)).

```

                SAVE
Remote code
                :11
  
```

4. Press the soft key (**SAVE**).

•To check the remote code, repeat steps 1 to 2.

➡ Other Programmable Settings

Mailbox password (for Mailbox 2 and 3)

You can use Mailbox 2 or 3 as your personal mailbox and prevent unauthorized people from accessing it and listening to the messages. Assign 2-digit password (00–99) to Mailbox 2 or 3. Each password and the remote code (p. 57) must be unique. Once the password is assigned to Mailbox 2 or 3, no one can access the mailbox to listen to messages without entering the password.

1. Follow steps 1 to 4 of “Caller’s recording time” on page 56.

2. Scroll to “Set mailbox2&3” by pressing **Ö** or **Ñ**, and press **á**.

Remote code
▶Set mailbox2&3

3. Select the mailbox by pressing **Ñ** (Mailbox 2) or **Ö** (Mailbox 3).

Set password
▲=Mailbox2
▼=Mailbox3

4. Enter a password using a **2-digit number (00–99)**, using the dialing buttons (**(0)** to **(9)**).

- If you entered a wrong number, press **(HOLD/CLEAR)** and enter the password again.

SAVE
Set password
Mailbox2 :--

5. Press the soft key (**SAVE**).

SAVE
Set password
Mailbox2 :22

•To check the password, repeat steps 1 to 3.

To erase the password:

Press **(HOLD/CLEAR)** in step 4, and press the soft key (**SAVE**).

- You will be able to access the mailbox without entering the password.



Voice Mail Programming (For KX-TG2700/KX-TG2720 Users)

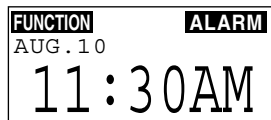
For Voice mail services and the features, see page 52.

Make sure the base unit and the handset are not being used.

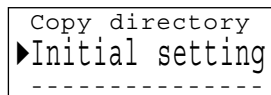
Voice mail access number

1. Press **(SNOOZE/ALARM)**.

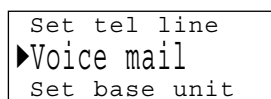
- You can also press **(CONF/FUNCTION)** to directly enter the function menu and go to step 3.



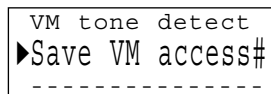
2. Within 5 seconds, press the soft key **(FUNCTION)**.



3. Scroll to "Initial setting" by pressing **Ö** or **Ñ**, and press **á**.



4. Scroll to "Voice mail" by pressing **Ö** or **Ñ**, and press **á**.



5. Scroll to "Save VM access#" by pressing **Ö** or **Ñ**, and press **á**.

6. For KX-TG2700 users: Go to step 7.

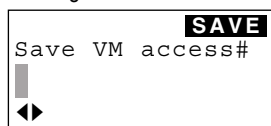
For KX-TG2720 users: Press **Ö** (Line 1) or **Ñ** (Line 2) to select the line.

- The line selected should be the line with subscription of Voice Mail service from your telephone company.

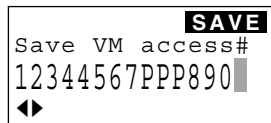
7. Enter your access number, up to 32 digits.

- You may enter pauses* (see below).
- Each time you press **(HOLD/CLEAR)**, a digit is erased. To erase all digits, press and hold **(HOLD/CLEAR)**.

Ex. Registered to KX-TG2700



8. Press the soft key **(SAVE)**.



- While the handset is not in use, "**MAIL**" will be displayed on the top right.

To erase a stored number:

In steps 7, press and hold **(HOLD/CLEAR)** until all of the digits are erased, and press the soft key **(SAVE)**.

*For quick access to your voice mail box by using the soft key **(MAIL)**, you may add pauses between your voice mail box access number and your mail box password in step 7.

EX. 1-222-333-4444 PPPP 8888

Your voice mail box access number



Pauses

Your mail box password

Pressing **(PAUSE/REDIAL)** once creates a 3.5 seconds delay and counts as one digit. The delay time depends on a telephone company.

➡ Other Programmable Settings

Voice Mail (VM) tone detection

Your telephone company sends special signals (Voice mail tones) to activate the VM indicator on the base unit. Press  or  to listen to the dial tone. If you hear a series of dial tones followed by a continuous dial tone, this is indication that a new message was recorded. Your phone comes set to detect these tones (set to "On"). Minutes after you hang up or after the phone stops ringing, the system will seize the phone line and check if a message has been recorded. If a new message was recorded at your telephone company, "Voice mail" will be displayed and the base unit VM indicator will flash. Set this programming to "Off" when:

- you do not subscribe to a voice mail service,
 - your telephone company does not send a series of tones, followed by a continuous tone, or
 - your phone is connected to a business or office telephone system (PBX).
- Please refer to below to set this programming to OFF.

If you are not sure which setting is required, consult your local telephone company or contact Panasonic Customer Call Center.

1. Follow steps 1 to 4 of "Voice mail access number" on page 59.

2. Press **á** at "VM tone detect".

3. For KX-TG2700 users: Go to step 4.

For KX-TG2720 users: Press **Ö** (Line 1) or **Ñ** (Line 2) to select the line.

4. Select "Off" or "On" by pressing **Ö** or **Ñ**, and press the soft key (**SAVE**).



▶ VM tone detect
Save VM access#

Ex. Registered to KX-TG2700

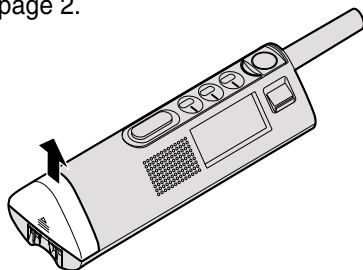
SAVE
VM tone detect
:On
◀▶

Battery Replacement

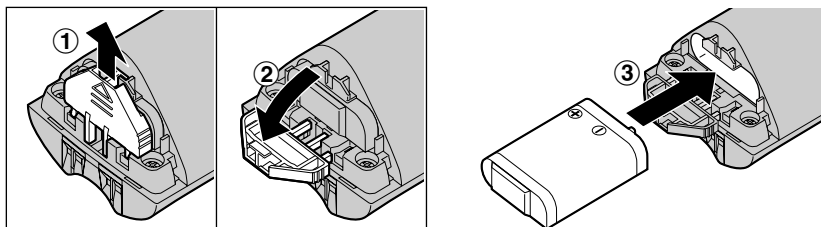


If you cleaned the charge contacts and charged the battery fully, but after a few telephone calls, "Recharge battery" is displayed and/or  continues to flash, or "Charge for 15HRS" and  are displayed, the battery may need replacing. Please order a new Panasonic N4HHGMB00001 (HHR-P103) battery at the telephone number shown on page 2.

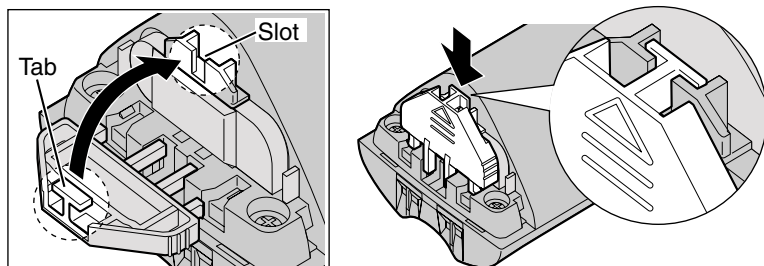
- 1 Press the notch on the handset cover firmly and slide it as indicated by the arrow.



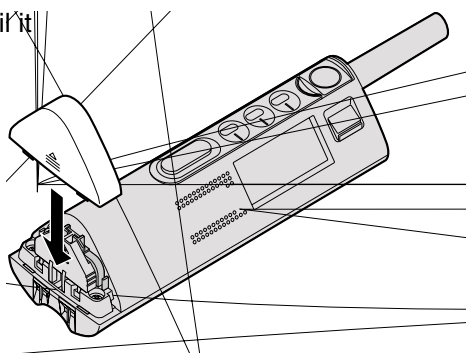
- 2** Push up on the triangle of the battery holder to release (①), and bring down the holder (②). Remove the old battery. Insert the new battery into the handset as shown, matching the correct polarity (③).



- 3** Bring up the holder and insert the tab into the slot. Press down the top of the holder until it clicks into position.



- 4** Close the handset cover until it clicks into position.



A nickel metal hydride battery that is recyclable powers the product you have purchased. Please call 1-800-8-BATTERY for information on how to recycle this battery.



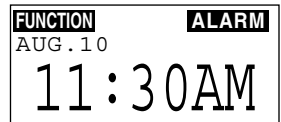
Canceling Registration/Re-registration

Canceling the Handset Registration

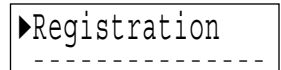
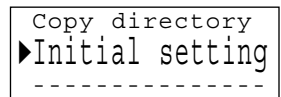
If you no longer need to use the handset or if you need to register the handset to a different base unit of the same model, it may be necessary to cancel the registration. Only one handset can be canceled at a time near the base unit.

Make sure the handset and the base unit are not being used.

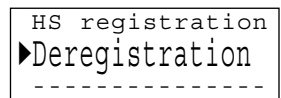
- 1 Press **[SNOOZE/ALARM]**.
 - You can also press **[CONF/FUNCTION]** to directly enter the function menu and go to step 3.



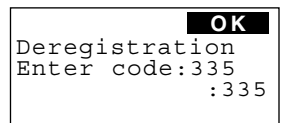
- 2 Within 5 seconds, press the soft key (**[FUNCTION]**).
- 3 Scroll to "Initial setting" by pressing **[▼]** or **[▲]**, and press **[▶]**.
- 4 Scroll to "Registration" by pressing **[▼]** or **[▲]**, and press **[▶]**.



- 5 Scroll to "Deregistration" by pressing **[▼]** or **[▲]**, and press **[▶]**.

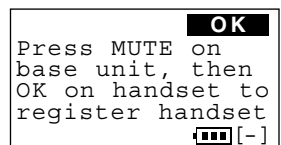
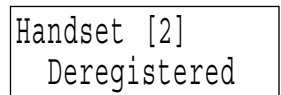


- 6 Press **[3][3][5]** (DEL.) to delete the registration memory.
 - If you make a mistake, press **[HOLD/CLEAR]**, and enter "335".



- 7 Press the soft key (**[OK]**).
 - A beep sounds and the registration memory will be erased on both the handset and the base unit.
 - If 3 beeps sound, you entered a wrong code. Enter "335", and press the soft key (**[OK]**).
 - To register the handset to the base unit again, start from step 5 on page 63 or see page 10.

Ex. Extension number 2



- "[-] " is shown on the bottom right of the display.
- You can exit the programming mode any time by pressing **[SNOOZE/ALARM]** or **[OFF]**.
- The handset will not work. To use it again, registration will be required (p. 10, 63).

Re-registering the Handset

If you want to re-register the handset to the base unit or a different base unit of the same model, you need to register it to that base unit. The handset will be given a new extension number of that base unit. Only one handset can be registered at a time. **Make sure the base unit and the other handsets are not being used. Registration must be completed within 1 minute.**

If you have canceled the handset registration at the previous base unit (p. 62), start from step 5.

- 1 **Handset:** Press **[SNOOZE/ALARM]**, and within 5 seconds press the soft key **(FUNCTION)**.

- You can also press **[CONF/FUNCTION]** to directly enter the function menu and go to step 2.

FUNCTION

ALARM

AUG.10

11:30AM

- 2 Scroll to "Initial setting" by pressing **[▼]** or **[▲]**, and press **[▶]**.

Copy directory

▶Initial setting

- 3 Scroll to "Registration" by pressing **[▼]** or **[▲]**, and press **[▶]**.

▶Registration

- 4 Press **[▶]** at "HS registration".

▶HS registration

Deregistration

- 5 **Base unit:**
Press **[MUTE]**.

- The MUTE indicator light flashes.

OK

Press MUTE on
base unit, then
OK on handset to
register handset

- 6 **Handset:**
①Press the soft key **(OK)**.

②Wait until a long beep sounds and the display shows the registered number.
The registration will be then complete.

- You can stop registration by pressing **[SNOOZE/ALARM]** or **[OFF]** on the handset and pressing **[MUTE]** on the base unit.

Handset

Registering

■■■[-]

Ex. Extension number 2

Handset [2]

Registered

■■■[2]

If you have not canceled the handset registration at the previous base unit (p. 62), the handset number still remains on that base unit memory. To erase the handset number from the previous base unit, see the base unit Operating Instructions.

Troubleshooting

Problem	Cause & Remedy
"Charge for 15HRS" and "■" appear and the handset does not work.	<ul style="list-style-type: none"> •The battery has discharged. Charge the battery fully (p. 8, 9). •You have not installed the battery yet. Install the battery (p. 7).
During a conversation, the line is disconnected and "Charge for 15HRS" appears.	<ul style="list-style-type: none"> •The battery has discharged. Charge the battery fully (p. 8, 9).
The alarm does not ring.	<ul style="list-style-type: none"> •If you use the handset and 10 minutes have passed after the alarm time, the alarm will not ring.
"Set date & time" is displayed.	<ul style="list-style-type: none"> •The clock has not been set. Set the date and time (p. 11).
If you cannot solve your problem	<ul style="list-style-type: none"> •For other problems, please see "Troubleshooting" in the base unit Operating Instructions. •Call our customer call center at 1-800-211-PANA(7262). •Panasonic's e-mail address for customer inquiries: consumerproducts@panasonic.com for customers in the USA or Puerto Rico ONLY

FCC and Other Information



When programming emergency numbers and/or making test calls to emergency numbers:

1. Remain on the line and briefly explain to the dispatcher the reason for the call before hanging up.
2. Perform such activities in the off-peak hours, such as early morning hours or late evenings.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Privacy of communications may not be ensured when using this phone.

CAUTION:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Operating near 2.4GHz electrical appliances may cause interference. Move away from the electrical appliances.

This equipment is hearing aid compatible as defined by the FCC in 47 CFR Section 68.316.

When you hold the phone to your ear, noise might be heard in your Hearing Aid. Some Hearing Aids are not adequately shielded from external RF (radio frequency) energy. If noise occurs, use an optional headset accessory or the speakerphone option (if applicable) when using this phone. Consult with your audiologist or Hearing Aid manufacturer about the availability of Hearing Aids which provide adequate shielding to RF energy commonly emitted by digital devices.

FCC and Other Information

CAUTION:

To reduce the risk of fire or injury to persons, read and follow these instructions.

1. Use only the battery(ies) specified.
2. Do not dispose of the battery(ies) in a fire. They may explode. Check with local waste management codes for special disposal instructions.
3. Do not open or mutilate the battery(ies). Released electrolyte is corrosive and may cause burns or injury to the eyes or skin. The electrolyte may be toxic if swallowed.
4. Exercise care in handling batteries in order not to short the battery to conductive materials such as rings, bracelets, and keys. The battery and/or conductor may overheat and cause burns.
5. Charge the battery(ies) provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.

WARNING:

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR ANY TYPE OF MOISTURE.

- The AC adaptor is used as the main disconnect device, ensure that the AC outlet is located/installed near the unit and is easily accessible.

Specifications

■ Handset

Power Supply:	Ni-MH battery (3.6 V, 650 mAh)
Frequency:	2.40 GHz – 2.48 GHz
Dimensions (H x W x D):	Approx. 42 mm x 247 mm x 55 mm (1 21/32" x 9 23/32" x 2 5/32")
Mass (Weight):	Approx. 230 g (0.51 lb.)
Security Codes:	1,000,000

■ Charger unit

Power Supply:	AC Adaptor (120 V AC, 60 Hz)
Power Consumption:	Standby: Approx. 0.8 W Maximum: Approx. 4 W
Dimensions (H x W x D):	Approx. 50 mm x 208 mm x 66 mm (1 31/32" x 8 3/16" x 2 19/32")
Mass (Weight):	Approx. 130 g (0.29 lb.)
■ Dialing Mode:	Tone (DTMF)/Pulse
■ Operating Environment:	5 °C – 40 °C (41 °F – 104 °F)

Specifications are subject to change without notice.

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For product service

- Call 1-800-211-PANA(7262) for the location of an authorized servicer.
- Panasonic's e-mail address for customer inquiries:
consumerproducts@panasonic.com
for customers in the USA or Puerto Rico ONLY

When you ship the product

- Carefully pack your unit, preferably in the original carton.
- Attach a letter, detailing the symptom, to the outside of the carton.

Symptom

- Send the unit to an authorized servicer, prepaid and adequately insured.
- Do not send your unit to the Panasonic Consumer Electronics Company listed below or to executive or regional sales offices. These locations do not repair consumer products.

**Panasonic Consumer Electronics Company,
Division of Matsushita Electric Corporation of America**
One Panasonic Way, Secaucus, New Jersey 07094

**Panasonic Sales Company,
Division of Matsushita Electric of Puerto Rico, Inc.**
Ave. 65 de Infantería, Km. 9.5, San Gabriel Industrial Park
Carolina, Puerto Rico 00985

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